### **MEMORANDUM**

TO:

**Board of Trustees** 

THROUGH:

Indra Winquest

Interim General Manager

THROUGH:

Joseph J. Pomroy, P.E. Director of Public Works

FROM:

Nathan Chorey, P.E.

**Engineering Manager** 

SUBJECT:

Review, discuss and possibly approve a preferred alternative for the Tennis Center Renovation Project – Fund: Community Services; Division: Tennis; Project

4588BD1604.

STRATEGIC PLAN:

Long Range Principle #5 – Assets and Infrastructure

DATE:

October 31, 2019

### I. <u>RECOMMENDATION</u>

That the Board of Trustees moves to review, discuss and possibly approve a preferred alternative (Alternative 1, 2, 3, or 4 or combination of any alternative) for the Tennis Center Renovation Project – Fund: Community Services; Division: Tennis; Project 4588BD1604.

### II. <u>DISTRICT STRATEGIC PLAN</u>

Long Range Principle #5 – Assets and Infrastructure – The District will practice perpetual asset renewal, replacement, and improvement to provide safe and superior long term utility services and recreation activities.

- The District will maintain, renew, expand, and enhance District infrastructure to meet the capacity needs and desires of the community for future generations.
- The District will maintain, procure, and construct District assets to ensure safe and accessible operations for the public and the District's workforce.

Division: Tennis; Project 4588BD1604

### III. BACKGROUND

At the June 19, 2019 Board of Trustees meeting, the Board authorized Staff to solicit a proposal for final design services for the Tennis Center Renovation Project. The design services scope of work, Not to Exceed \$123,000, is to prepare bid level documents based on the completed and accepted pre-design phase of the work. The proposed scope of work also includes cost estimating of the work during the design development phase for Board of Trustees consideration at a future meeting prior to proceeding with final design for the recommended project. This cost estimating step will provide framework for the "small – medium – large – extra-large" project options.

The primary components of the Tennis Center Renovation Project include updated bathrooms to meet current code requirements, as well as aesthetic and functional upgrades, new efficiency kitchen area, new and expanded decking with canopy, major circulation improvements throughout the Tennis Center and entrance area including improved Americans with Disabilities Act (ADA) access. The project previously included two Bocce Ball courts. They have been removed from this project and are now being considered as a separate project and site evaluation is currently underway. Utilities and site drainage will also be improved in the area around the Tennis Center.

The following four alternatives have been prepared to present small, medium, large and extra-large for the Board of Trustees to consider with design development level cost estimating. Three of the four alternatives fall within the District's approved CIP budget. As a note, the construction of the bocce courts has been removed from the new Tennis renovation construction cost estimates; the CIP data sheet in the 2019-20°CIP includes budget for constructing the bocce courts. The working budget for the Tennis Center Renovation removes \$115,000 from the available CIP budget in this memorandum. A short description of the four alternatives is presented below. These alternatives also will be summarized at the meeting for the Board of Trustees deliberation.

Alternative 1 (Small) – Alternative 1 improvements include enclose the self-service kitchen area and perimeter controls to provide a primary point of entry and improve ADA access. The wooden deck is enlarged and partially covered with a retractable canopy. The water service is relocated underground and the electrical service is upgraded to 200 amps. Proposed drainage improvements will address the spalling concrete valley gutter and provide Best Management Practices (BMPs) in accordance with Tahoe Regional Planning Agency (TRPA) standards.

Review, discuss and possibly approve a preferred alternative for the Tennis Center Renovation Project – Fund: Community Services; Division: Tennis; Project 4588BD1604

<u>Alternative 2 (Medium)</u> – In addition to improvements identified in Alternative 1, Alternative 2 includes interior remodel of the restrooms, pro-shop, and kitchenette. The wooden deck material is replaced with low maintenance Trex material.

Alternative 3 (Large) - In addition to improvements identified in Alternatives 1 and 2, Alternative 3 includes an exterior facelift of the Tennis Center. The proposed siding is cement board and batten with a CMU wainscoting.

<u>Alternative 4 (Extra Large)</u> – Alternative 4 includes all the improvements identified in the previous alternatives but utilizes upgraded materials. Specific upgrades include:

- Stone wainscoting instead of CMU.
- Aluminum framed glass railing instead of wood framed.
- Trench drain along tennis court instead of reconstructing the valley gutter.
- Tile floor in the restroom instead of finished concrete.
- Stainless steel partitions instead of phenolic.

### IV. FINANCIAL IMPACT AND BUDGET

The 2019-2020 CIP budget includes the Tennis Center Renovation Project, data sheet attached. A budget of \$125,000 is allocated for design phase services. The following table presents the preliminary project cost estimates for the four alternatives and the revised budget currently included in the 2019-20 Capital Improvement Budget that removes costs for bocce court construction.

Description	2019-20 CIP Budget	Alternative No. 1 (Small)	Alternative No. 2 (Medium)	Alternative No. 3 (Large)	Alternative No. 4 (Extra Large)
Project Design	\$125,000	\$123,000	\$123,000	\$123,000	\$123,000
Construction Cost	\$826,000	\$516,940	\$779,705	\$860,139	\$959,571
Construction Contingency	\$124,000	\$51,000	\$78,000	\$86,000	\$96,000
Construction Phase Management	\$95,000	\$51,000	\$78,000	\$86,000	\$96,000
Total	\$1,170,000	\$741,940	\$1,058,705	\$1,155,139	\$1,274,571

The construction cost listed in the CIP Data Sheet for the 2019-20 Tennis Center Renovation, 4588BD1604, Total Expense column includes bocce court

Review, discuss and possibly approve a preferred alternative for the Tennis Center Renovation Project - Fund: Community Services; Division: Tennis; Project 4588BD1604

construction at \$100,000 for construction and a contingency of \$15,000. The Table here for 2019-20 budget reflects removing that \$115,000 resulting in a total CIP Budget of \$1,170,000 for the Tennis Center Renovation. Alternatives 1, 2, 3 and 4 do not include the construction of bocce courts. The bocce court construction project will be part of the 2020-21 Capital Budgeting Process. The construction cost estimates are preliminary estimates based on the current design development phase. Contingency listed in the table is the construction contingency for unforeseen conditions during construction. The Construction Costs row includes contractor overhead and profit, general conditions costs and an estimating contingency. The design costs are not to exceed \$123,000 and may be adjusted based on the alternative chosen.

-4-

#### V. COMMENTS

A brief survey was designed and completed by 26 respondents in September 2019. 92% of the respondents were full or part time residents. The question asked was "How important are the following aspects of the Tennis Center Renovation to you?". 82% of respondents or higher rated the deck area, outdoor kitchen, and pathways and access as important to extremely important while 92% rated the restrooms as important to extremely important. Additionally, 100% of respondents rated the pro shop as important to highly important.

#### ٧. **ALTERNATIVES**

This memo is requesting the Board to provide direction to Staff on the preferred alternative for the Tennis Center Renovation Project.

#### VI. **BUSINESS IMPACT**

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.

## Tennis Center Renovation Project Update

November 13, 2019

Nathan Chorey, P.E. – Engineering Manager



## District Strategic Plan

Long Range Principle #5 – Assets & Infrastructure

The District will practice perpetual asset renewal, replacement, and improvement to provide safe and superior long term utility services and recreation activities.

- Maintain, renew, expand, and enhance District infrastructure to meet the capacity needs and desires of the community for future generations.
- Maintain, procure, and construct District assets to ensure safe and accessible operations for the public and the District's workforce.

## Past Board Project Discussions

- Spring 2015 Lloyd Civil and Sports Engineering hired for Tennis Center Facility Assessment and Feasibility study.
- August 24, 2016 Approved the IVGID Tennis Center Facility Assessment and Master Plan.
- June 19, 2019 Approved Schematic Design.
- August 14, 2019 Authorized Design Services contract with BJG Architecture and Engineering.
- August 14, 2019 Identified renovation of the IVGID Tennis Center as a priority project as part of the 2019 Community Services Master Plan.

## **Project Objectives**

- Improve ADA access wayfinding and circulation.
- Renovate aging restrooms.
- Expand and enhance deck area with awning.
- Upgrade overall functional and aesthetics.
- Enclose kitchenette area.

## **Existing Access and Circulation**



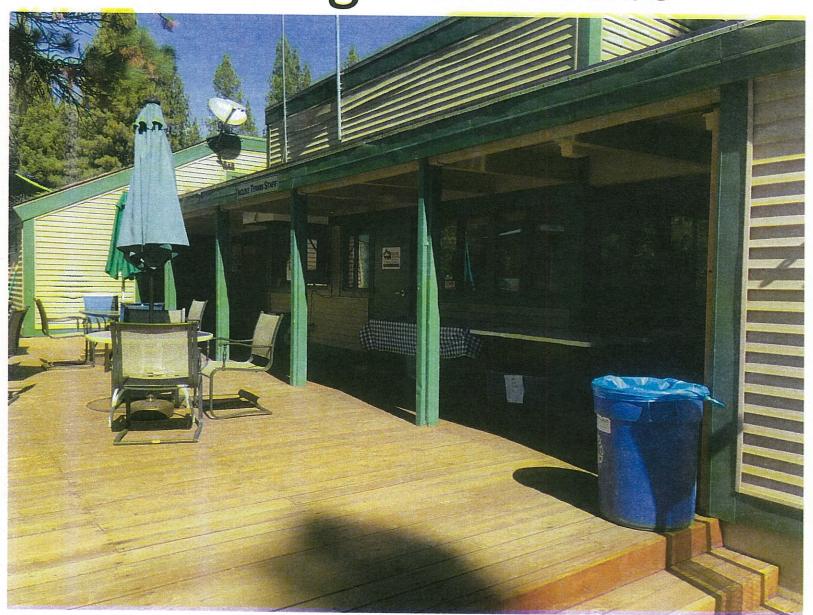
## **Existing Restrooms**



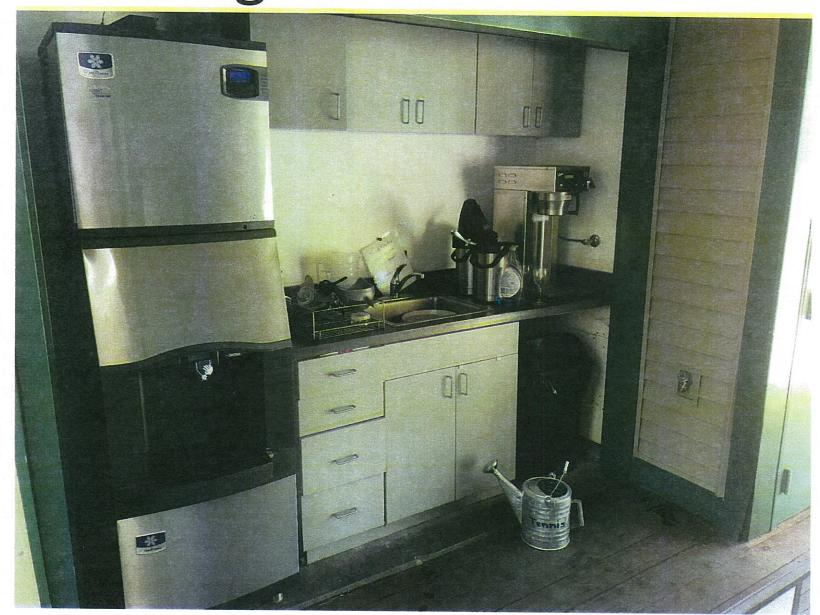
# Existing Deck Area



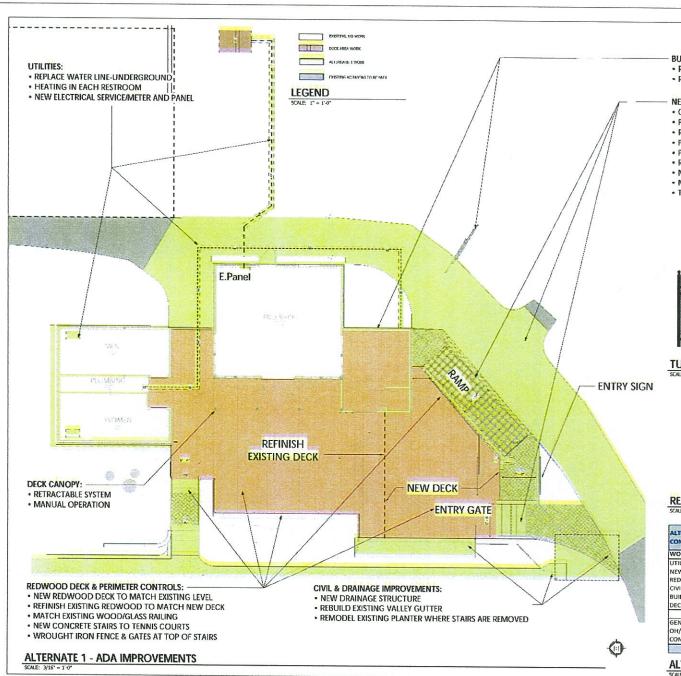
# **Existing Aesthetics**



# Existing Kitchenette Area



## Alternative #1 - Small



BUILDING ALTERATIONS

- REMOVE DOOR AND CONSTRUCT WALL AND WINDOW AT BREEZEWAY
- ROLLING GATE / LOCKED AT NIGHT

#### NEW PRIMARY ENTRANCE & ACCESS UPGRADES:

- CONCRETE RAMP
- PAVER ENTRY TO RAMP
- REGRADED ASPHALT PATH
- PRIMARY ENTRY STAIR
- PAVER ENTRY TO PRIMARY STAIR
- RETAINING WALL AND PLANTER
- NEW REDWOOD DECK, MATCH EXISTING LEVEL
- NEW POLE LIGHT AT RAMP & STAIRS
- TENNIS CENTER SIGN WITH BACK LIGHTING





**TUBE STEEL FENCING** 



### RETRACTABLE PATIO CANOPY

LITERNATE 1: ADA ACCESS , DECK EXPANSION, FENCE, NEW SOUTH STAIR, RAMP, ONTROL GATES, STORM STRUCTURE			
WORK DESCRIPTION	RK DESCRIPTION COST		
UTILITIES		\$	39,850
NEW PRIMARY ENTRANCE & ACCESS UPGRADES		5	147,740
REDWOOD DECK & PERIMETER CONTROLS		\$	54,702
CIVIL & DRAINAGE IMPROVEMENTS		\$	46,850
BUILDING ALTERATIONS		15	9,100
DECK CANOPY ALLOWANCE		s	75,000
SUBTOTAL		\$	373,242
GENERAL CONDITIONS	8.5%	5	31,726
OH/P	15.0%	S	55.986
CONTINGENCY	15.0%	1 e	EE OOE

**ALTERNATE 1 ESTIMATE** 

Design Development

IVGID TENNIS PRO SHOP REMODEL

A1.0

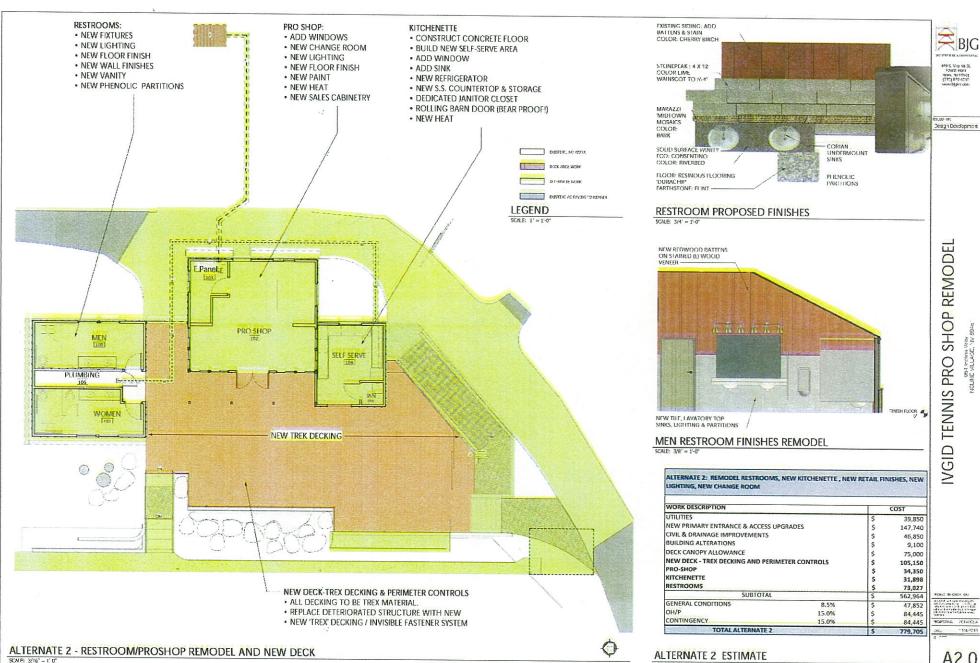
## Alternative #1 - Small

- Improvements include:
  - Enclose the self-service kitchen area
  - Improve access and circulation
  - Enlarge deck area
  - Utility and drainage upgrades

### Project Budget

Description	Amount
Project Design	\$123,000
Construction Cost Estimate	\$516,940
Construction Contingency	\$51,000
Construction Phase Services	\$51,000
<b>Estimated Project Total</b>	\$741,940

## Alternative #2 - Medium



CONTRACTOR CONTRACTOR

A2.0

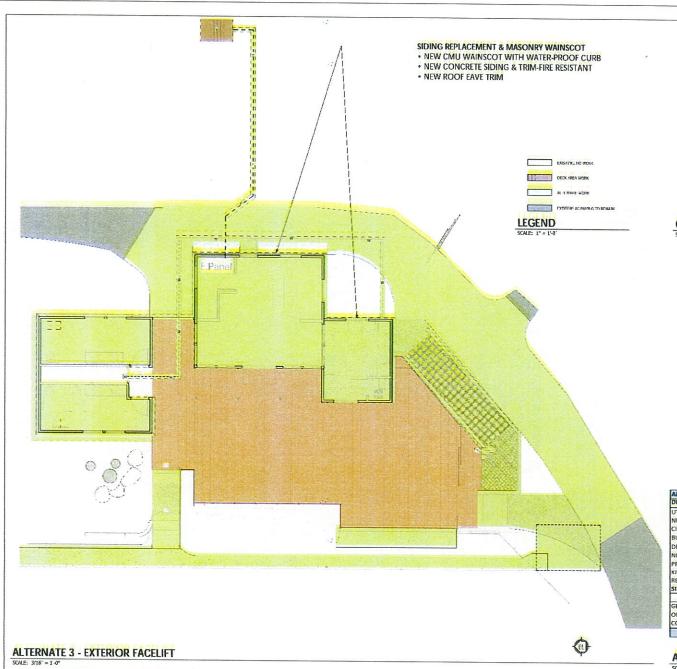
## Alternative #2 - Medium

- Improvements include:
  - Improvements identified in Alternative #1
  - Interior remodel of restroom, pro-shop, and kitchenette.
  - Replace existing wood deck with Trex material

### Project Budget

Description	Amount
Project Design	\$123,000
Construction Cost Estimate	\$779,705
Construction Contingency	\$78,000
Construction Phase Services	\$78,000
<b>Estimated Project Total</b>	\$1,058,705

## Alternative #3 - Large





**CEMENT BOARD & BATTEN SIDING** 



CMU 4X8 & 4X4 4" CMU WAINSCOT

ALTERNATE 3: EXTERIOR FACE LIFT:	NEW SIDING AND CMU WAINS	COT	
DESCRIPTION			COST
UTILITIES		5	39,850
NEW PRIMARY ENTRANCE & ACCESS	UPGRADES	5	147,740
CIVIL & DRAINAGE IMPROVEMENTS		5	46,850
BUILDING ALTERATIONS		5	9.100
DECK CANOPY ALLOWANCE		S	75,000
NEW DECK - TREX DECKING AND PER	IMETER CONTROLS	5	105,150
PRO-SHOP		5	34,350
KITCHENETTE		5	31,898
RESTROOMS		5	73,027
SIDING REPLACEMENT & MASONRY	WAINSCOT	\$	58,075
SUBTOTAL		5	621,039
GENERAL CONDITIONS	8.5%	\$	52,788
OH/P	15.0%	S	93,156
CONTINGENCY	15.0%	5	93,156
	TOTAL ALTERNATE	3 5	860,139

**ALTERNATE 3 ESTIMATE** 

Design Development

IVGID TENNIS PRO SHOP REMODEL

A3.0

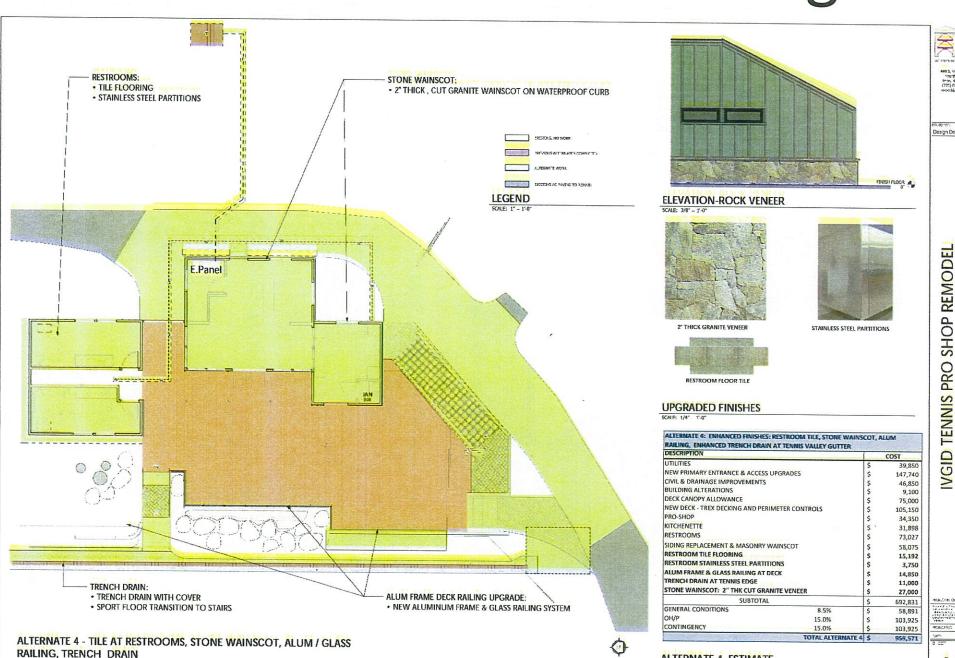
## Alternative #3 - Large

- Improvements include:
  - Improvements identified in Alternatives #1 & #2
  - Siding Replacement of Tennis Center utilizing cement board and batten with a CMU wainscoting

### Project Budget

Description	Amount
Project Design	\$123,000
Construction Cost Estimate	\$860,139
Construction Contingency	\$86,000
Construction Phase Services	\$86,000
Estimated Project Total	\$1,155,139

# Alternative #4 – Extra Large



Design Development

**ALTERNATE 4 ESTIMATE** 

## Alternative #4 – Extra Large

- Improvements include:
  - Improvements identified in Alternatives #1, #2, & #3 utilizing upgrading materials including:
    - Stone wainscoting instead of CMU.
    - Aluminum framed glass railing instead of wood framed.
    - Trench drain along tennis court instead of reconstructing the valley gutter.
    - Tile floor in the restroom instead of finished concrete.
    - Stainless steel partitions instead of phenolic.

### Project Budget

Description	Amount
Project Design	\$123,000
Construction Cost Estimate	\$959,571
Construction Contingency	\$96,000
Construction Phase Services	\$96,000
<b>Estimated Project Total</b>	\$1,274,571

## Estimated Total Project Cost

Description	Alternative No. 1 (Small)	Alternative No. 2 (Medium)	Alternative No. 3 (Large)	Alternative No. 4 (Extra Large)
Project Design	\$123,000	\$123,000	\$123,000	\$123,000
Construction Cost	\$516,940	\$779,705	\$860,139	\$959,571
Contingency	\$51,000	\$78,000	\$86,000	\$96,000
Construction Phase Services	\$51,000	\$78,000	\$86,000	\$96,000
Estimated Total Project Cost	\$741,940	\$1,058,705	\$1,155,139	\$1,274,571

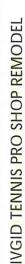
- \$1,285,000 identified for FY 19/20 in current CIP.
- Original Budget included \$115,000 for Bocce Courts.
- Net Budget for Tennis Remodel = \$1,170,000

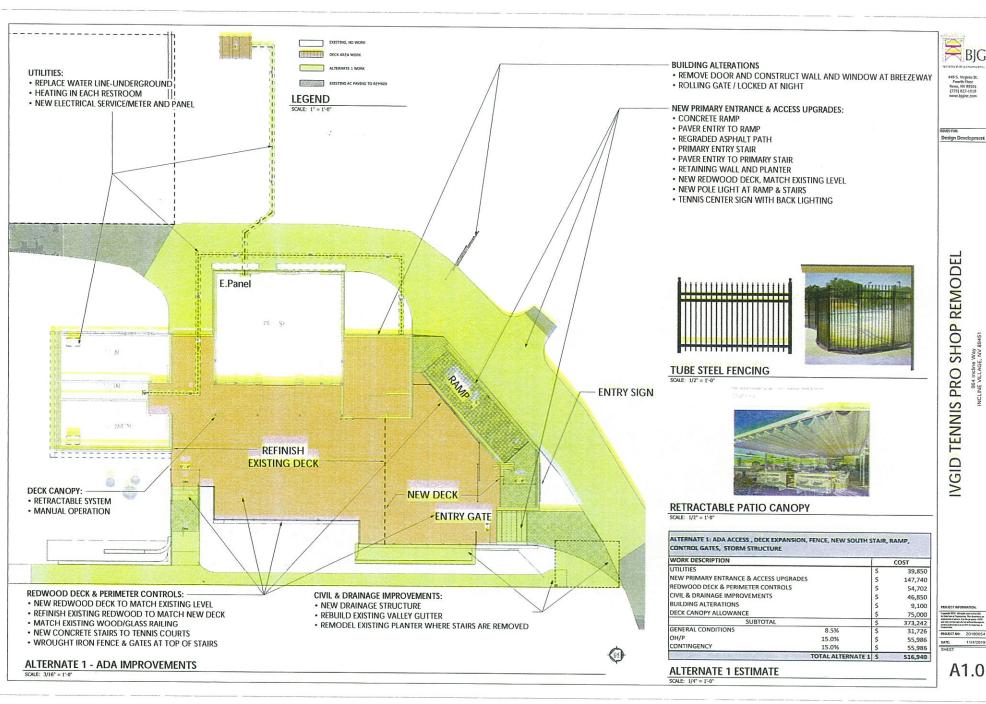
## Project Next Steps

- Complete final design and permitting –
   November 2019 to April 2020
- Bid project April/May 2020
- Award construction contract June 2020
- Construct project August 2020 to April 2021

### Recommendation

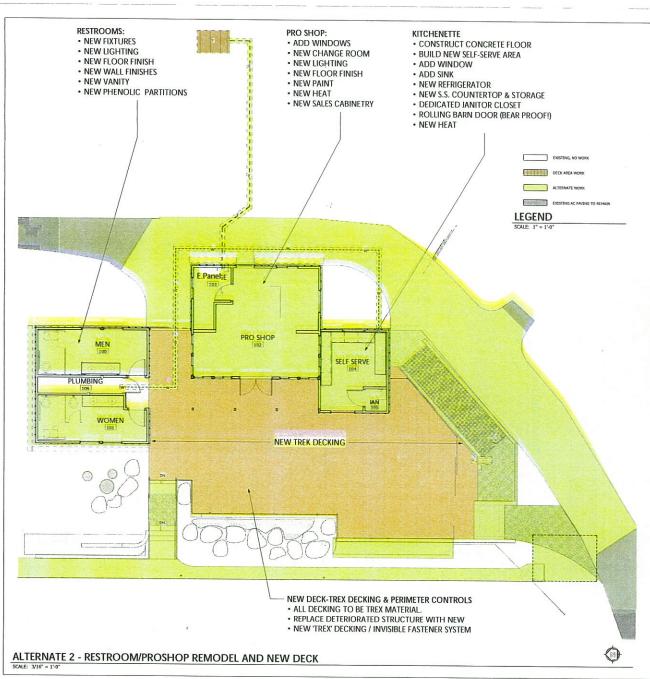
That the Board of Trustees moves to review, discuss and possibly approve a preferred alternative (Alternative 1, 2, 3, or 4 or combination of any alternative) for the Tennis Center Renovation Project – Fund: Community Services; Division: Tennis: Project 4588BD1604.

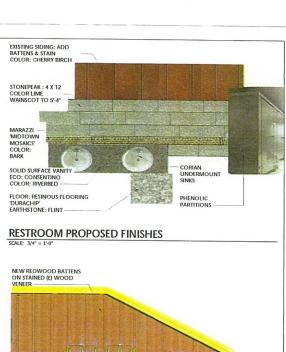






Design Devel





### MEN RESTROOM FINISHES REMODEL

SCALE: 3/8" = 1'-0"

NEW TILE, LAVATORY TOP SINKS, LIGHTING & PARTITIONS

WORK DESCRIPTION			
		-	COST
UTILITIES		5	39,850
NEW PRIMARY ENTRANCE & ACCESS UPGR	ADES	\$	147,740
CIVIL & DRAINAGE IMPROVEMENTS		\$	46,850
BUILDING ALTERATIONS		\$	9,100
DECK CANOPY ALLOWANCE		s	75,000
NEW DECK - TREX DECKING AND PERIMET	ER CONTROLS	\$	105,150
PRO-SHOP		s	34,350
KITCHENETTE		\$	31,898
RESTROOMS		\$	73,027
SUBTOTAL		\$	562,964
GENERAL CONDITIONS	8.5%	\$	47,852
OH/P	15.0%	s	84,445
CONTINGENCY	15.0%	s	84,445

ALTERNATE 2 ESTIMATE

SCALE: 1/4" = 1'-0"

PROJECT INFORMATION:

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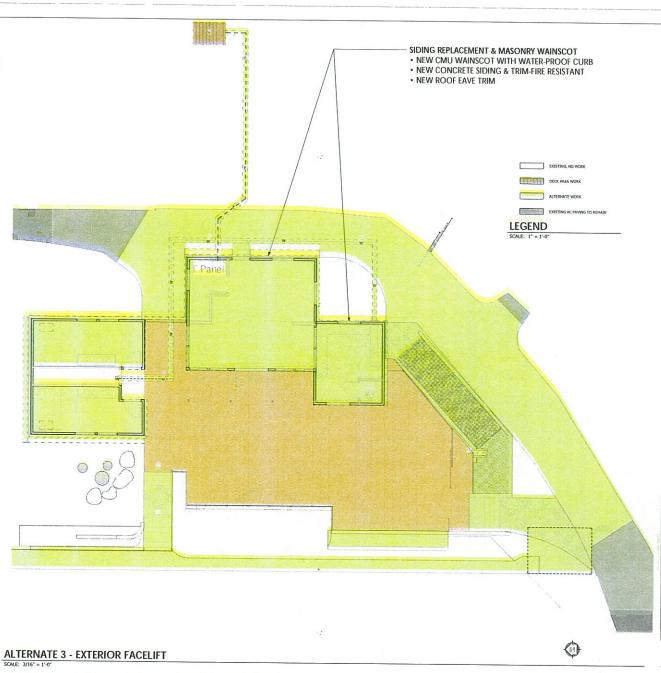
CMU 4X8 & 4X4 4" CMU WAINSCOT

DESCRIPTION			COST
UTILITIES		\$	39,850
NEW PRIMARY ENTRANCE & ACCESS UP	GRADES	\$	147,740
CIVIL & DRAINAGE IMPROVEMENTS		\$	46,850
BUILDING ALTERATIONS		\$	9.100
DECK CANOPY ALLOWANCE		S	75,000
NEW DECK - TREX DECKING AND PERIME	TER CONTROLS	s	105,150
PRO-SHOP		s	34,350
KITCHENETTE		S	31.898
RESTROOMS		s	73,027
SIDING REPLACEMENT & MASONRY WA	INSCOT	S	58,075
SUBTOTAL		5	621,039
GENERAL CONDITIONS	8.5%	5	52,788
OH/P	15.0%	5	93,156
CONTINGENCY	15.0%	5	93,156
DESCRIPTION OF STREET	TOTAL ALTERNA	TE3 S	860.139

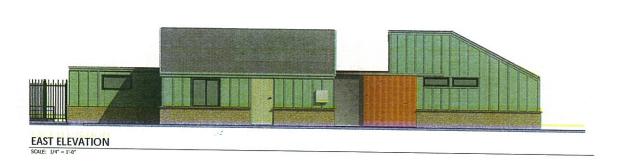
ALTERNATE 3 ESTIMATE

SCALE: 1/4" = 1'-0"

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Design Development





FINISH FLOOR

SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



WEST ELEVATION
SCALE: 1/4" = 1'-0"

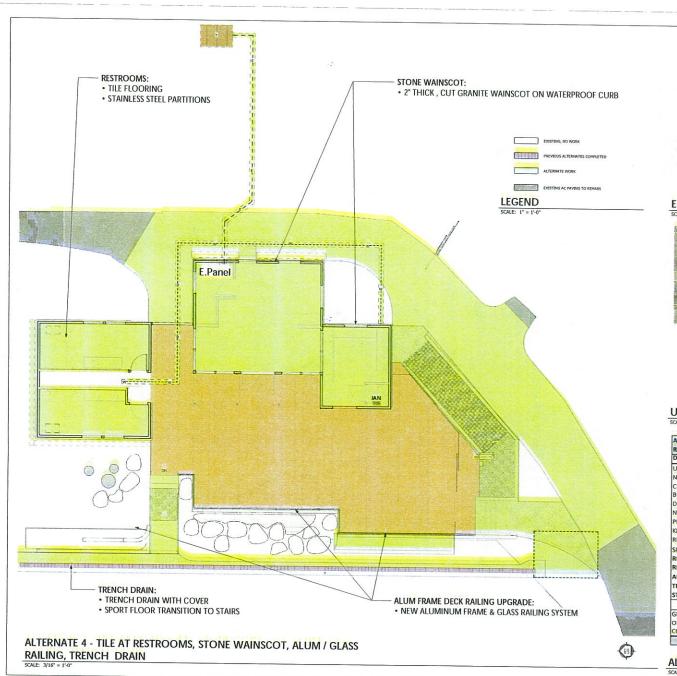
**ALTERNATE 3 EXTERIOR ELEVATIONS** 

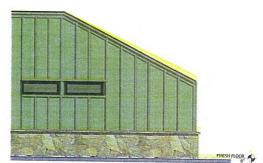


NORTH ELEVATION
SCALE: 1/4" = 1'-0"

Design Develo







### **ELEVATION-ROCK VENEER**



2" THICK GRANITE VENEER



STAINLESS STEEL PARTITIONS



RESTROOM FLOOR TILE

### **UPGRADED FINISHES**

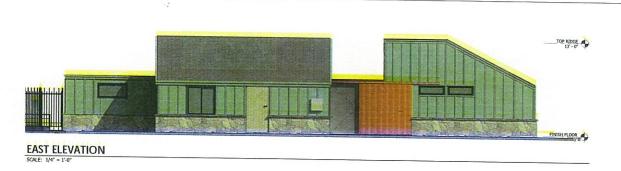
SCALE: 1/4" = 1'-0"

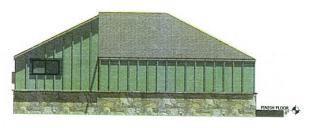
DESCRIPTION			COST
UTILITIES ACCESS PERSONS		\$	39,850
NEW PRIMARY ENTRANCE & ACCESS UPGRADES		\$	147,740
CIVIL & DRAINAGE IMPROVEMENTS		\$	46,850
BUILDING ALTERATIONS		\$	9,100
DECK CANOPY ALLOWANCE		\$	75,000
NEW DECK - TREX DECKING AND PERIMETER CO	NTROLS	\$	105,150
PRO-SHOP		S	34,350
KITCHENETTE		\$	31,898
RESTROOMS		\$	73,027
SIDING REPLACEMENT & MASONRY WAINSCOT		\$	58.079
RESTROOM TILE FLOORING		5	15,192
RESTROOM STAINLESS STEEL PARTITIONS		\$	3,750
ALUM FRAME & GLASS RAILING AT DECK		\$	14,850
TRENCH DRAIN AT TENNIS EDGE		5	11,000
STONE WAINSCOT: 2" THK CUT GRANITE VENE	ER	5	27,000
SUBTOTAL		5	692.831
GENERAL CONDITIONS	8.5%	\$	58,891
OH/P	15.0%	\$	103,925
CONTINGENCY	15.0%	\$	103,925
The state of the s	TOTAL ALTERNA	TE 4 5	959,571

### ALTERNATE 4 ESTIMATE

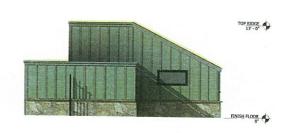
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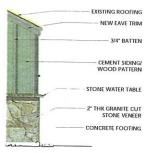




NORTH ELEVATION



SOUTH ELEVATION



ALTERNATE 4 EXTERIOR FINISHES

SCALE: 1/2" = 1'-0"



**ALTERNATE 4 EXTERIOR ELEVATIONS** 

PROJECT INFORMATION:

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### **Project Summary**

Project Number: 4588BD1604

Title:

Tennis Center Renovation

Project Type:

D - Capital Improvement - Existing Facilities

Division:

88 - Tennis

**Budget Year:** 

2020

Finance Option:

Asset Type:

BD - Buildings & Structures

Active:

Yes

### **Project Description**

A number of the facilities at the Tennis Center Pro-shop/Clubhouse Building are dated, showing wear and tear, and are in need of capital improvement. The condition of the restrooms has been identified by the Tennis DVAT as a high priority for attention by the District. The restrooms are also a source of regular customer complaints. Additionally the deck is approaching end of life and is in need of replacement. The kitchen/sundry area is not well laid out and has been subject to repeated wildlife damage. Finally, the entrance to the pro-shop facility is hidden and difficult to see with customer flow not well laid out. This results in customer confusion as well as frequent intentional and unintentional by-pass of the check-in area/process by customers. This project will design, permit, and complete a strategic remodel of the Tennis Center building to address the above described issues. All finishes will be upgraded with aesthetically pleasing and long wearing materials. Total fixture count of the restrooms is adequate and will be unchanged by the project. Overall footprint of the facility will not be increased in this project.

### **Project Internal Staff**

Engineering Division Staff will manage all phases of this project.

#### **Project Justification**

The Tennis Center building has not seen major capital maintenance in over a decade and is showing signs of wear and tear. It is a source of complaints from guests and was identified as an area requiring enhancement in the 2016 Tennis Center Facility Study. All improvements will be in-line with the recommendations and findings of the finalized Facility Study.

orecast					
udget Year	Total Expense	Total Revenue	Difference		
020			19		
Construction Contingen- renovation/remodel at 1		0	139,000	*	
Construction Cost estimper architect	nate 926,000	0	926,000		
Construction Manageme		0	95,000		
Design Phase Services	125,000	. 0	125,000		
Year	r Total 1,285,000	0	1,285,000		40
	1,285,000	0	1,285,000		
Year Identified	Start Date	Est. Complet	ion Date	Manager	Project Pa
2014	Jul 1, 2019	Jun 30, 2	2020	Engineering Manager	