

VAIL PARK AND RECREATION DISTRICT
d/b/a VAIL RECREATION DISTRICT
BOARD OF DIRECTORS

5:00 P.M.
Thursday, July 27, 2023
Town of Vail, Council Chambers
AGENDA
REGULAR MEETING

Agenda

1. Call to Order
2. Changes to Agenda;
3. Approval of Minutes;
 - a. May 25, 2023
4. Public Input (for matters not otherwise on agenda/three-minute time limit/no disrupting, pursuant to § 18-9-108, C.R.S.);
5. New Business and Special Orders;
 - a. Presentation of Vail Scholar Athlete Award Winners-Mr. Mike Ortiz
 - b. Introduction of new employee-Andrew Villescascas-Mr. Mike Ortiz
 - c. Presentation and Acceptance of 2022 Financial Audit-Mr. Matt Miller, McMahan & Associates
6. Unfinished Business;
 - a. Dobson Ice Arena Update-Town Council Joint Meeting, Cost Analysis of Ice System, Dobson Capacity- Mr. Mike Ortiz
7. Officers, Committees, Staff, and Professional Consultants;
 - a. June 2023 Financial Report - Mr. Eric Weaver
 - b. Executive Director Report – Mr. Mike Ortiz
 - c. Board Member Input
8. Adjournment

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agenda.doc*

RECORD OF PROCEEDINGS

Minutes of the Regular Meeting
Of the Board of Directors

Vail Park and Recreation District
dba Vail Recreation District
May 25, 2023

A Regular Meeting of the Board of Directors of the Vail Recreation District, Town of Vail, Eagle County, Colorado, was held on May 25, 2023, at 5:00 p.m. at the Vail Town Council Chambers, Town of Vail, Eagle County, Colorado, in accordance with the applicable statutes of the State of Colorado.

1. MEMBERS PRESENT

1.1. Kirk Hansen, Jason Plante, Bob Armour, John Rediker, Molly Rabin

2. MEMBERS ABSENT AND EXCUSED

2.1. None

3. STAFF PRESENT

3.1. Mike Ortiz, Nell Davis, Scott O'Connell, Sarah Heredia, Tamyra Fultz

4. OTHERS PRESENT

4.1. Rollie Kjesbo

5. CONSULTANTS PRESENT

5.1. Eric Weaver, Marchetti & Weaver, LLC.

6. CALL TO ORDER

6.1. Director Armour called the meeting to order at 5:00 p.m.

7. CHANGES TO AGENDA

7.1. Mr. Mike Ortiz would like to add to the agenda after approval of minutes, Election of board officers.

8. APPROVAL OF MINUTES

8.1. By motion duly made and seconded it was unanimously RESOLVED to approve the minutes of the April 27, 2023, regular meeting.

9. PUBLIC INPUT FOR MATTERS NOT OTHERWISE ON AGENDA

9.1. None.

RECORD OF PROCEEDINGS

Vail Recreation District May 25, 2023, Meeting Minutes

10 ELECTION OF BOARD OFFICERS

- 10.1 Mr. John Rediker nominated Bob Armour to be chairman.
- 10.2 By motion duly made and seconded it was unanimously RESOLVED to approve the nomination of Bob Armour as chairman of the board.
- 10.3 Mr. Bob Armour nominated Jason Plante as secretary of the board.
- 10.4 By motion duly made and seconded it was unanimously RESOLVED to approve the nomination of Jason Plante as secretary of the board.
- 10.5 Mr. Jason Plante nominated Kirk Hansas as treasurer of the board.
- 10.6 By motion duly made and seconded it was unanimously RESOLVED to approve the nomination of Kirk Hansen as treasurer of the board.
- 10.7 Mr. Bob Armour shared that there is a committee that two of our members are a part of, that is Rec Sub-Committee. Currently he and Kirk Hansen sit on that board, and both would like to continue that role.
- 10.8 Mr. Eric Weaver asked if the other two non-elected board members could be assistant secretary/treasurer in case either of the elected members were not present, they could act on their behalf. By motion duly made and seconded it was unanimously RESOLVED to approve the nomination of John Rediker and Molly Rabin as Assistant Secretary/Treasurer.

11 INTRODUCTION OF NEW EMPLOYEES- SARAH HEREDIA AND TAMYRA FULTZ

- 10.1 Mr. Mike Ortiz gave a brief background of each employee and shared with the board the department that they will be working in. The board was welcoming and happy to meet the newest members of our team.

12 CAPITAL PROJECTS UPDATE

- 12.1 Mr. Scott O'Connell presented the board with a power point of various projects that are either in the works or on the list to be completed in the near future or have been recently completed. The power point can be located on the website with the board packet.

13 STAFF LEADERSHIP REPORT

- 13.1 12.1 Mr. Mike Ortiz shared that we engaged Rick Smith to do some leadership training with the Vail Recreation District staff. Mr. Ortiz gave a quick background of Rick Smith and then shared some highlights from the first training. He shared that we plan to do this monthly. We will also be doing specific department team training as well.
- 13.2 Mr. Ortiz shared that we are doing this training for a few specific reasons, the first being we would like all our directors to become better leaders. We want to be able to attract and retain employees. We also want to develop each other better so that we become better leaders. And lastly, we are trying to get back to having fun in our jobs and promote a healthy work life balance. Our ultimate goal is to become an employer of choice.

RECORD OF PROCEEDINGS

Vail Recreation District May 25, 2023, Meeting Minutes

14 APRIL 2023 FINANCIAL REPORT

15.1 Mr. Eric Weaver took the time to do a quick review of how financials are laid out for Molly, our newest board member. He also shared with the board that he received a draft of the audit report, and they will likely present it at the next board meeting.

15.2 Mr. Weaver shared that through the month of April the district is \$56K favorable in revenues with half of that coming from interest income. He also shared that Nordic for the month of April was favorable, most of this coming from the sale of merchandise. Expenses for the month were \$83k favorable. This is a combination of various things, no election, golf, and golf maintenance starting later due to weather, so this helps with labor cost. This will not last as we are about to get into our busiest months. Mr. Weaver gave a quick re-cap of how our relationship works with the Town of Vail sharing that TOV owns all buildings and therefore are responsible for exterior and mechanical. Vail Recreation is responsible for the interior and the majority of the golf course.

15.3 Mr. Weaver also gave a quick overview of the valuation of properties and how the process works and what the outlook may be for the district. He shared that there is legislation that could change the overall increase that is projected. Currently the district is looking at a 46% increase but with the legislation looming this is likely to change. He will continue to follow the legislation and update the board when he can.

15 EXECUTIVE DIRECTOR REPORT

15.1 Mr. Mike Ortiz shared a few highlights from the director's report that can be found on the website in the board packet. He highlighted the great job that Nell from our marketing department did with the scholarship applications this year, putting them into a more readable format for the committee to review. Mr. Ortiz shared that the winners will likely be shared with the board at the next meeting. He shared that Tim LyBarger with the sports department will be hosting an over the line tournament at the fields in Eagle-Vail. He also shared how well Tim did this year with the t-ball program. Parents were thrilled with the session.

15.2 Mr. Ortiz shared that Ford park will have concessions this summer.

16 BOARD MEMBER INPUT

12.1 Director Plante thanked Mr. O'Connell for being the general contractor on all the different projects around the district. He also expressed his frustration about not being made aware of the late opening date of the golf course and asked to be better informed going forward.

12.2 Director Armour thanked Mike for the nice lunch held for Rollie Kjesbo to honor his time served on the board. He also shared some fun stats of how much

RECORD OF PROCEEDINGS

Vail Recreation District May 25, 2023, Meeting Minutes

snow we received this past winter. This then resulted in how the weather has affected many different departments' opening dates so far this summer and asked that the public be patient with us as we are delayed in getting open for the summer.

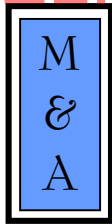
12.3 Director Rabin thanked the board and expressed her excitement to serve on the board.

12.4 Director Rediker thanked his fellow board members for all the comments and concerns surrounding the golf course. He expressed his gratitude for the District being able to keep the course open throughout the whole renovation project and acknowledged that it will be great when completed.

17 ADJOURNMENT

17.1 Upon a motion duly made and seconded, it was unanimously RESOLVED to adjourn the Regular Meeting of the Vail Recreation District Board of Directors.

Respectfully Submitted,
April Heredia
Secretary to the Meeting



**To the Board of Directors
Vail Recreation District
Vail, Colorado**

We have audited the financial statements of Vail Recreation District for the year ended December 31, 2022. Professional standards require that we provide you with the following information related to our audit.

Qualitative Aspects of Accounting Policies

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Vail Recreation District are described in the Notes to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year. We noted no transactions entered into by the governmental unit during the year for which there is a lack of authoritative guidance or consensus. There are no significant transactions that have been recognized in the financial statements in a different period than when the transaction occurred.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the financial statements was:

Estimated useful lives for depreciation on capital assets: Management's estimate is based on industry practice and experience. We evaluated the key factors and assumptions used to develop the useful lives used in determining depreciation and found that it is reasonable in relation to the financial statements taken as a whole.

Difficulties Encountered in Performing the Audit

We encountered no difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. No such misstatements were detected during the course of our audit.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Member: American Institute of Certified Public Accountants

PRELIMINARY DRAFT

**Board of Directors
Vail Recreation District
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Management Representations

As is required in an audit engagement we have requested certain representations from management that are included in the management representation letter.

This report is intended solely for the information and use of the Board of Directors, management, and others within the organization and is not intended to be, and should not be, used by anyone other than those specified parties.

Sincerely,

**McMahan and Associates, L.L.C.
Avon, Colorado**



Memorandum

TO: Vail Town Council

FROM: Vail Recreation Subcommittee
Greg Hall, Director of Public Works and Transportation
Kathleen Halloran, Deputy Town Manager
Mike Ortiz, Vail Recreation District, Executive Director

DATE: July 18, 2023

SUBJECT: Joint Meeting of the Vail Recreation District and Vail Town Council regarding Dobson Ice Arena Remodel Project Update

I. SUMMARY

The purpose of this item is to:

- Provide Town Council and the Vail Recreation Board with a project update as presented to the Recreation Sub-committee by the staffs and consultant team
- Request Town Council approve the project Program for the Dobson Remodel Project
- Request the Town Council approve budget for the Dobson Ice Arena Remodel Project
- Request the Town Council approve the funding sources for the Dobson Ice Arena Remodel Project
- Review Project Next Steps
- Request staff to bring a design contract with Populous for award at the August 1, 2023, meeting to continue to advance the project.

II. BACKGROUND

The Town of Vail initiated a design project for the upgrade to the Dobson Ice Arena as part of the Vail Civic Area Plan implementation process. The Civic Area plan was adopted in 2019. The Dobson Ice Arena and related improvements around the arena were considered and included in the plan. The plan identified 3 options, regarding Dobson, two of the options were a new arena with the third option being a major remodel/renovation. The Civic area is within the Vail Reinvestment Authority tax increment district, which ends June 30, 2030, and must expend remaining funds (estimated at \$45M) by that time. The Town Council identified pursuing the remodel of Dobson as the first major step in implementing the plan. The Town of Vail owns Dobson Ice Arena with the Vail Recreation District operating and managing all functions for Dobson. In December 2022 the Town solicited design firms and through a nationwide search, selected Populous based on their extensive experience as well as their ability to deliver projects which enhance the overall user experience. The design team included not only designers and architects, but mechanical engineers proficient in ice plant equipment, structural and civil engineering experts, arena, and event program consultants as well as code consultants and landscape architect/planners.

III. PROJECT PROGRAM AND DESIGN WORK

The initial design team workplan consisted working with the staff from the town and the Vail Recreation District (VRD) to identify issues and systems which were deficient and needing attention and addressing delayed maintenance due to the anticipated Civic Area Plan implementation process. The COVID pandemic as with all things, delayed moving forward sooner on Dobson improvements.

A summary of issues identified are as follows:

1. **Lack of accessibility throughout the arena**, both internal and external, from the lack of an elevator, inadequate designated viewing areas, and limited accessibility to the building (the south entry requires using the exiting roadway between the arena and library to reach the main arena entry from the Lionshead Parking Structure).
2. **Locker Room diversity and equity**: Although existing Dobson has 5 locker rooms, two of these share showering and toilet facilities. During back-to-back game scheduling, there are numerous occasions where co-ed teams do not have adequate lockers room space to separate the teams in an equitable way. Locker space for game officials is also inadequate. The team identified a need for 6 locker rooms in total, each with their own shower and toilet facilities as well as two smaller official locker rooms to meet the current equity needs.
3. **Existing mechanical, electrical and ice systems** were deemed at or near the end of their useful life. This is a major investment to replace and upgrade these systems.
4. **The exiting roof's limited load capacity**. The structural engineers on the design team confirmed the results of the town's earlier analysis, in that the roof structural system is not failing, however it is designed for significantly less snow loading as required by the current building code for new buildings. The other issue regarding the structural integrity of the roof is the very few rigging points which can accommodate the many rigging needs for special events and concerts which take place in Dobson.

There were three structural options that have been considered:

- a) **Leave the roof as is** and continue to manage the snow loading through shoveling when the loads approach the current design load. Shoveling the roof costs the town over \$ 50,000 and is difficult to schedule as only a few contractors can handle such a large undertaking. This option does not address rigging, improved sight lines or addressing the issues with fire proofing components of the remainder of the wood roof system above the sprinkler system. There is also a limitation on the amount of renovation which can be accomplished before the building code requires the roof load issue to be addressed.
- b) **Reinforce the existing roof** to a point which will meet the loading requirements. This option addressed the snow load and rigging points and requirement of strengthening the roof regarding renovations. However, the aesthetic look was significantly compromised in the strengthening option and did not address the improved sight lines, better rigging opportunities and the fireproofing issues.
- c) **A complete roof replacement**. The design team was able to provide a roof design which was comparable in cost to a reinforced roof. A new roof takes risk out of the project as both the design team and contractors are working with known systems verses, working around the existing structure. A new roof meets the code requirements and does not open the project up to code interpretation regarding

percentage of renovation, which triggers a replacement/reinforcement. It also improves sight lines inside the arena, increases rigging opportunities for events and addresses fireproofing issues.

5. **The overall spectator experience and amenities** in Dobson are dated compared to similar arenas hosting special events, games and concerts. The design team looked at opportunities to enhance the overall experience of users of the arena and consider what the future purpose and functionality of the arena can be, i.e., looking to the next 50 years.
6. **Adequate Egress:** There are two code items which are addressed by the proposed design regarding any occupancy ratings. The first deals with adequate egress in the event of an emergency. The town made modifications to Dobson in the 2000's to address the egress issues. Occupancy loads of all establishments are determined based on adequate egress. Exceeding the approved occupancy usually results in venues being closed until the situation is resolved or solved. The Fire Marshall and Chief Building Official have established a maximum occupancy for the current Dobson, however any renovations will require "coming up to code" in this area.
7. **Adequate Code compliant bathroom toilet fixture counts:** The second code item relating to occupancy load is the **bathroom toilet fixture counts**. Any new or renovated building which modifies the seating would require the bathroom fixture numbers to be brought up to code. This requirement has been a challenge for the project due to the woefully inadequate number of current fixtures counts and the number required to meet the code minimums for a large concert event at Dobson Arena. There are currently 22 bathroom fixtures compared to 55 bathroom fixtures required to meet the current capacity. Finding room within the existing footprint of Dobson for both expanded locker rooms and additional bathroom space requires some form of expansion.

The design team was tasked with creating two scenarios to address the issues listed above: A "base" option to address all of the major issues in a minimal way, and a second option which looked at an expanded Dobson fitting within the constraints of the site. These two options were priced, and both options exceeded the \$40M in TIF funds which the town had previously estimated it had available. Those funds were intended not only for a Dobson project, but hopefully to be used on other Civic Area projects as well. The significant issues which needed to be addressed at Dobson along with the magnitude of the price created a major challenge for the design team, our recently hired owner's representative Cumming Management, and staff for both organizations (TOV and VRD).

A prioritization and re-valuation of available TIF funds (to \$45M) and VRD offering to contribute to the ice resulted in a revised budget to adequately address the issues. The design team went to work to see if the components of the project could be met within the funds and have brought forward creative solutions for your consideration.

IV. RECOMMENDED DOBSON ICE ARENA REMODEL PROGRAM

Subsequent design discussions, with a revised budget, the top priorities of the overall program were determined. The driving issue on increasing the budget was making significant improvements to the arena, yet still having a roof which was designed for loads which do not meet current building code loadings. The additional funds and priorities resulted in a program which address the following issues:

1. Locker Room equity by providing 6 equal sized lockers and 2 smaller official lockers. This was accomplished with a small subterranean addition on the northeast corner of the arena.
2. Enhancing the guest experience and adding additional seating for current events on the south side of the ice.
3. Providing for the required number of bathroom fixtures for a capacity close to the current arena capacity. In doing so, this required additional expansion space outside the existing arena. This expansion is designed as a two-story addition on the south side. This expansion allowed for first level storage replacement, that was compromised to accommodate the locker rooms. In addition, a replacement of the skate rental and arena office are accommodated on the first floor. The second-floor expansion space accommodated larger restrooms, relocation of the concession area and provide a flex/lounge space bridging over the southern entrance. This is a space which brings a new experience to Dobson and provides a space where daily spectators are provided a pleasant area to hang out. During spectator events this area can transform into a space providing an enhanced spectator experience.
4. A new roof meeting the current design loads, rigging requirements, and designed in an economical way yet provides for improved sight lines and limited increase in overall heights.
5. Mechanical, electrical, lighting, and plumbing systems. This replaces all the equipment, feeds and necessary systems and controls.
6. Replacement of the entire ice system from equipment to the concrete slab and sub slab system including all tubing related to both the ice and subfloor system. Replacement of all dasher boards and glass system. The system will be the latest to allow for easier removal regarding arena transformation from a skating service to an event floor.
7. Upgrades to the arena to better accommodate the needs of events regarding AV/Sound with feeds and rigging points.
8. Site improvements which are directly related to the project yet limited in scope as compared to the overall Civic Area Plan scope.

Items currently not within the budget are as follows:

1. A new west entry vestibule. At this time a deduct alternate is planned to be designed and priced, with the hope of finding savings to keep this component, as it was a key component to tying Dobson Arena to the overall Civic Area.
2. A new scoreboard. This is an ideal opportunity for a securing sponsorship to cover the cost.
3. The interior wood look of the ceiling similar to the current Dobson Arena.

Higher level sustainability features such as solar and ground source heat pumps. Both options will be studied for feasibility and if determined to be viable, grant funding will be pursued as well as third party funding sources who use operational savings to significantly cover the upfront capital costs.

V. **RECOMMENDED DOBSON ICE ARENA REMODEL PROJECT BUDGET AND FUNDING**

The budget established for the Dobson arena renovation established by the town staff at this time is \$52M. As previously stated, this amount was determined when it was very difficult meeting code issues and minimal improvements which were causing some hard choices such as not replacing the ice system or making some improvements and after an overall \$40 M investment the roof load capacity was unchanged.

The \$52 M budget allows for \$ 39.0 M in hard construction costs escalated to an October of 2024 buyout, for a spring of 2025 start, verses our original \$30 M in hard construction costs. An additional \$12 M in total other costs including design, owner's representation, tap and other fees Fixtures, Furnishings, and Equipment (FFE) including \$1M as a contribution to a temporary ice sheet. A re-evaluation of the anticipated TIF funds raised the overall budget number by \$ 5M, the VRD acknowledging responsibility for the ice system and was assumed as a \$5M price, this contribution amount has not been discussed by the VRD board, and the estimate is closer to \$6M. The final \$ 2 M includes \$ 1 M in Real Estate Transfer Tax (RETT) funds which the town has budgeted for improvements to Dobson over the next 5 years. \$1 M of General Fund reserve as a contribution to a temporary sheet of ice solution during the Dobson downtime.

Funding identified to meet the **\$52M** budget:

- Revised estimate of Vail Reinvestment Authority District Funds projected to the end of the Tax Increment District timeline. **\$45M**
- Vail Recreation District funding the ice replacement current estimate is at \$6M. VRD board at this time has not had time to discuss a commitment to a funding level. Originally anticipated closer to **\$5M**.
- Approximate funds in the current 5-year Real Estate Tax budget dedicated or Dobson **\$1M**
- Additional funds from the General fund reserves to as a contribution to a temporary sheet of ice. **\$1M**

The 2023 Capital Projects budget was supplemented to include an initial \$5M towards the Dobson project. Final budget for 2024 which would include funding to complete the overall project will be addressed during the 2024 budget process.

VI. **NEXT STEPS**

If the Town Council is comfortable with the program and financials both in terms of overall project budget and funding, this is the culmination of the conceptual design phase. If there are concerns or items which need to be addressed prior to providing approval of the overall program elements, budget or design, the team can further refine the project. The conceptual level is more about program and elements verses design details of how everything fits together.

The next steps include further developing the program into schematic design. This includes significant more detail into dimensioned spaces, specifying specific equipment and more detail on both the structural and architectural drawings. The site work is advanced and further investigation and design is completed on the necessary utility work that is required. The team will return to the council if needed based on if there are issues in the schematic design. The team is also committed

to determine if the west entry can fit within the budget and continue exploring the sustainability opportunities through the many available funding sources. The schematic design drawings will be used for selecting a Construction Manager/General Contracting (CM/GC) firm through a competitive process. This process allows the project costs and schedule to be verified prior to beginning the entitlement process. The staff will return to the council at various times during these next steps. The project will be brought back to the council prior to any entitlement application to ensure the team is submitting a project the Town Council, as the owner, agrees to move through the entitlement process.

To meet these next design steps for the project, the staff is prepared to return to the council to award the remaining design contract to Populous in moving the Dobson Arena project forward. It is anticipated to award this contract to at the August 1, Town Council meeting.

VI. ACTION REQUESTED

Does Town Council Approve the Program for the Dobson Ice Arena Remodel Project as presented?

Does Town Council Approve the Budget and Funding sources for the Dobson Ice Arena Remodel Project?

Does the Town Council request the Town Staff return August 1,2023 with a contract award to Populous for the Dobson Ice Arena Remodel Project Design?

VII. ATTACHMENTS

PowerPoint Presentation

Dobson Ice Arena Renovation Rev3

Rough Order of Magnitude

July 9, 2023

23-00349.00



Prepared for Populous

CUMMING
Building Value Through Expertise

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SUMMARY

Element	Area	Cost / SF	Total
Dobson Ice Arena Renovation Base Option			
Building Renovation	48,997	\$724.34	\$35,490,509
Sitework	46,720	\$45.60	\$2,130,387
Total Estimated Construction Cost - Base Option (Today's \$\$)	48,997	\$767.82	\$37,620,896
Escalation to MOC, 01/30/25	7.09%	\$54.44	\$2,667,286
Total Estimated Construction Cost - Base Option (Escalated \$\$)	48,997	\$822.26	\$40,288,182
Add Alternates (includes Indirect Costs and Escalation)			Total
1. New West Entry Lobby			\$864,709
2. Kitchen Equipment, Allowance			\$669,765

Building Renovation

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Project # 23-00349.00

07/09/23

SUMMARY - BUILDING RENOVATION

Element		Total	Cost / SF
01 General Requirements		\$22,539	\$0.46
02 Existing Conditions		\$853,768	\$17.42
03 Concrete		\$1,608,133	\$32.82
04 Masonry		\$909,544	\$18.56
05 Metals		\$5,348,348	\$109.16
06 Wood, Plastics, And Composites		\$212,066	\$4.33
07 Thermal And Moisture Protection		\$2,934,505	\$59.89
08 Openings		\$535,716	\$10.93
09 Finishes		\$1,347,701	\$27.51
10 Specialties		\$463,136	\$9.45
11 Equipment		\$27,850	\$0.57
12 Furnishings		\$8,409	\$0.17
13 Special Construction		\$1,052,044	\$21.47
14 Conveying Systems		\$100,000	\$2.04
21 Fire Suppression		\$371,465	\$7.58
22 Plumbing		\$2,606,599	\$53.20
23 HVAC		\$4,359,289	\$88.97
25 Integrated Automation		\$1,037,566	\$21.18
26 Electrical		\$2,523,345	\$51.50
27 Communications		\$293,982	\$6.00
28 Electrical Safety And Security		\$258,328	\$5.27
31 Earthwork		\$393,137	\$8.02
32 Exterior Improvements		\$0	See Sitework
33 Utilities		\$0	See Sitework
Subtotal		\$27,267,469	\$556.51
General Conditions	7.00%	\$1,908,723	\$38.96
Subtotal		\$29,176,192	\$595.47
General Requirements	4.75%	\$1,385,869	\$28.28
Subtotal		\$30,562,061	\$623.75
Bonds & Insurance	2.50%	\$764,052	\$15.59
Subtotal		\$31,326,113	\$639.35
Contractor's Fee	4.25%	\$1,331,360	\$27.17
Subtotal		\$32,657,473	\$666.52
Design Contingency	5.00%	\$1,632,874	\$33.33
Subtotal		\$34,290,346	\$699.85
Construction Contingency	3.50%	\$1,200,162	\$24.49
Subtotal		\$35,490,509	\$724.34
Escalation to MOC, 01/30/25	7.09%	See Summary	See Summary
TOTAL ESTIMATED CONSTRUCTION COST		\$35,490,509	\$724.34

Total Area: 48,997 SF

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Project # 23-00349.00

07/09/23

DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
01 General Requirements				
Final Cleaning	48,997	sf	\$0.46	\$22,539
			\$0.00	\$0
Total - General Requirements				\$22,539

02 Existing Conditions

Selective Demolition			\$0.00	\$0
Existing slab-on-grade			\$0.00	\$0
Sawcut and remove slab-on-grade for utility trenches, allowance	1	ls	\$15,000.00	\$15,000
Sawcut and remove slab-on-grade at existing locker renovation area	2,713	sf	\$17.25	\$46,799
Sawcut and remove slab-on-grade at existing ice plant	550	sf	\$17.25	\$9,488
Sawcut and remove slab-on-grade at existing mechanical equipment			<i>Existing to Remain</i>	
Sawcut and remove slab-on-grade at new Zamboni room	292	sf	\$17.25	\$5,037
Sawcut and remove slab-on-grade at new Zamboni dump pit	69	sf	\$17.25	\$1,190
Sawcut and remove slab-on-grade, at new elevator	100	sf	\$17.25	\$1,725
Sawcut and remove hockey floor ice, 6" concrete slab, 4" insulation, and 4' sand	17,090	sf	\$19.55	\$334,110
Demo existing on-grade north seating bowl			<i>Existing to Remain</i>	
Demo existing north grade beam below the concourse level	166	lf	\$83.13	\$13,800
Temporary shoring at the roof and existing Spandek wall above	1,660	sf	\$30.00	\$49,800
Sawcut and remove openings in existing 8" thick foundation wall for access	144	sf	\$46.00	\$6,624
Demo cantilevered concrete beam, 23" wide x 28" deep, concourse corners	4	ea	\$7,200.00	\$28,800
Demo concrete edge beams, 8" wide x 28" deep, concourse corners	8	ea	\$7,200.00	\$57,600
Temporary shoring at beams intersection at each corner	4	loc	\$7,500.00	\$30,000
Cut back cantilevered concourse	362	sf	\$77.77	\$28,154
Sawcut and remove concrete floor slab, 12", for new elevator	100	sf	\$25.88	\$2,588
Cut down existing concrete curb at east and west entrances for new doors	33	lf	\$9.25	\$305
Demo existing south lobby glass entry	456	sf	\$5.75	\$2,622
Interior demolition, allowance	48,997	gsf	\$3.75	\$183,739
Miscellaneous			\$0.00	\$0
Demolition layout	48,997	gsf	\$0.18	\$8,819
GPR / x-ray existing walls and slabs to be demo'd	1	ls	\$5,520.00	\$5,520
Miscellaneous demolition, allowance	48,997	gsf	\$0.45	\$22,049
			\$0.00	\$0
Total - Existing Conditions				\$853,768

03 Concrete

Foundations			\$0.00	\$0
Underpin existing north wall buttress footing, allowance			<i>see micropiling allowance</i>	
New north foundation wall continuous footing, 9'-0" wide x 24" thick			\$0.00	\$0
Concrete	125	cy	\$377.20	\$47,024
Formwork	716	sf	\$14.09	\$10,087
Reinforcement, 15 psf	25,245	lbs	\$1.36	\$34,257

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
New north foundation wall, 12"			\$0.00	\$0
Concrete	135	cy	\$394.45	\$53,273
Formwork	6,630	sf	\$19.26	\$127,710
Reinforcement, 9 psf	32,819	lbs	\$1.36	\$44,535
Finish, 1 side	2,040	sf	\$0.83	\$1,689
New south building addition continuous footing			\$0.00	\$0
Concrete	13	cy	\$377.20	\$4,841
Formwork	216	sf	\$14.09	\$3,043
Reinforcement	2,599	lbs	\$1.36	\$3,527
New south building addition stem wall			\$0.00	\$0
Concrete	17	cy	\$394.45	\$6,749
Formwork	840	sf	\$19.26	\$16,181
Reinforcement	2,541	lbs	\$1.36	\$3,448
Structural excavation	97	cy	\$40.25	\$3,913
Backfill and compact	67	cy	\$25.00	\$1,682
Haul surplus	30	cy	\$51.75	\$1,550
New spread footings at (3) new columns supporting north grade beam, 7'-0" x 7'-0" x 22" thick			\$0.00	\$0
Concrete	11	cy	\$377.20	\$4,142
Formwork	154	sf	\$14.09	\$2,169
Reinforcement, 2.5 psf	404	lbs	\$1.36	\$549
New spread footings at new concourse framing, 5'-0" x 5'-0" x 16" thick			\$0.00	\$0
Concrete	45	cy	\$377.20	\$16,907
Formwork	880	sf	\$14.09	\$12,399
Reinforcement, 2.5 psf	1,815	lbs	\$1.36	\$2,463
New spread footings at new seating bowl rakers, 5'-0" x 5'-0" x 16" thick			\$0.00	\$0
Concrete	24	cy	\$377.20	\$8,920
Formwork	464	sf	\$14.09	\$6,542
Reinforcement, 2.5 psf	958	lbs	\$1.36	\$1,300
Slab-on-Grade				\$0
New hockey floor ice, 6" concrete slab, 4" insulation, and 4' sand				\$0
Concrete slab, 6"	17,090	sf	\$13.97	\$238,818
Rigid insulation, 4"	17,090	sf	\$6.33	\$108,094
Sand, 4"	17,090	sf	\$3.80	\$64,857
Finish to slab	17,090	sf	\$2.00	\$34,180
New slab-on-grade, 5", at locker room expansion				\$0
Concrete	22	cy	\$366.33	\$8,059
Formwork	170	lf	\$10.93	\$1,857
Welded wire reinforcement	1,320	sf	\$1.15	\$1,518
Dowels, 4", @ 18" o.c. into existing slab	42	ea	\$46.00	\$1,932
Vapor barrier	1,320	sf	\$0.63	\$835
Finish to slab	1,320	sf	\$0.86	\$1,139
New slab-on-grade, 5", at south building addition				\$0
Concrete	9	cy	\$318.55	\$2,803
Formwork	109	lf	\$10.93	\$1,191
Welded wire reinforcement	500	sf	\$1.15	\$575
Dowels, 4", @ 18" o.c. into existing slab	25	ea	\$40.25	\$1,020
Vapor barrier	500	sf	\$0.63	\$316

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Element	Quantity	Unit	Unit Cost	Total
Finish to slab	500	sf	\$0.86	\$431
New slab-on-grade, 5", at demo'd existing locker room renovation area				\$0
Concrete	31	cy	\$318.55	\$9,891
Welded wire reinforcement	2,713	sf	\$1.15	\$3,120
Dowels, 4", @ 18" o.c. into existing slab	263	ea	\$46.00	\$12,083
Vapor barrier	2,713	sf	\$0.63	\$1,716
Finish to slab	2,713	sf	\$0.86	\$2,340
New slab-on-grade, 5", at demo'd existing ice plant				\$0
Concrete	20	cy	\$318.55	\$6,307
Welded wire reinforcement	550	sf	\$1.15	\$633
Dowels, 4", @ 18" o.c. into existing slab	123	ea	\$46.00	\$5,673
Vapor barrier	550	sf	\$0.63	\$348
Finish to slab	550	sf	\$0.86	\$474
New slab-on-grade, 5", at demo'd existing Zamboni dump pit infill				\$0
Concrete	1	cy	\$318.55	\$350
Welded wire reinforcement	67	sf	\$1.15	\$77
Dowels, 4", @ 18" o.c. into existing slab	23	ea	\$46.00	\$1,043
Geofoam infill under new slab, allowance	1	ls	\$5,000.00	\$5,000
Vapor barrier	67	sf	\$0.63	\$42
Finish to slab	67	sf	\$0.86	\$58
New sloped slab-on-grade, 5", at new Zamboni room				\$0
Concrete	8	cy	\$366.33	\$2,821
Welded wire reinforcement	292	sf	\$10.93	\$3,190
Dowels, 4", @ 18" o.c. into existing slab	55	ea	\$1.15	\$64
Vapor barrier	292	sf	\$0.63	\$185
Finish to slab	292	sf	\$0.86	\$252
Infill slab-on-grade at utility trenches, allowance	1	ls	\$12,000.00	\$12,000
New topping slab on existing sloped slab for new west entry lobby(see alt)		sf	\$13.70	\$0
Suspended Floor Slab			\$0.00	\$0
New concrete edge beams at cut back concourse	153	lf	\$442.75	\$67,741
Shear Walls			\$0.00	\$0
Reinforce (6) existing shear walls, 30 lf x 8" thick concrete at each wall with 6' wide reinforced footing	0	lf	Excluded Per New Narr.	
Floor Deck Infill				
Floor deck infill, new south concourse				
Concrete topping, 4-1/2", including reinforcement	5,157	sf	\$6.45	\$33,241
Finish	5,157	sf	\$0.92	\$4,744
Floor deck infill, south building addition				
Concrete topping, 4-1/2", including reinforcement	2,734	sf	\$6.45	\$17,623
Finish	2,734	sf	\$0.63	\$1,729
Roof Deck Infill				
Roof deck infill, north locker room expansion				
Concrete topping, 4-1/2", including reinforcement	1,320	sf	\$18.47	\$24,386
Finish	1,320	sf	\$0.63	\$835
Roof deck infill, south building addition				
Concrete topping, 4-1/2", including reinforcement	2,734	sf	\$18.47	\$50,509
Finish	2,734	sf	\$0.63	\$1,729
Precast				

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Element	Quantity	Unit	Unit Cost	Total
Precast seating deck	2,721	sf	\$50.81	\$138,256
Spandeck Wall Panels				
New openings for doors, windows, or mechanical piping and duct, allowance	48,997	gsf	\$0.45	\$22,049
Concrete Pits				\$0
Zamboni dump pit				\$0
New sloped slab-on-grade, assume 12"				\$0
Concrete	3	cy	\$318.55	\$1,051
Formwork	34	lf	\$8.63	\$293
Reinforcement, 2.5 psf	173	lbs	\$1.36	\$234
Vapor barrier	69	sf	\$0.63	\$44
Finish to slab	69	sf	\$0.86	\$60
Pit walls, assume 8" x 20' deep			\$0.00	\$0
Concrete	22	cy	\$394.45	\$8,742
Formwork	1,632	sf	\$19.26	\$31,436
Reinforcement, 5.5 psf	4,488	lbs	\$1.36	\$6,090
Continuous footing			\$0.00	\$0
Concrete	3	cy	\$377.20	\$1,045
Formwork	68	sf	\$14.09	\$958
Reinforcement, 35 plf	1,190	lbs	\$1.36	\$1,615
Pit excavation	129	cy	\$27.60	\$3,552
Backfill and compact	60	cy	\$40.25	\$2,400
Haul surplus	69	cy	\$51.75	\$3,575
Underpin existing west foundation wall, 5', allowance	1	ls	\$25,000.00	\$25,000
Elevator pit			\$0.00	\$0
New slab-on-grade, 12"				
Concrete	2	cy	\$318.55	\$701
Formwork	40	lf	\$8.63	\$345
Reinforcement, 2.5 psf	253	lbs	\$1.36	\$343
Vapor barrier	101	sf	\$0.66	\$66
Finish to slab	101	sf	\$0.86	\$87
Pit walls, 8",			\$0.00	\$0
Concrete	7	cy	\$394.45	\$2,571
Formwork	400	sf	\$19.26	\$7,705
Reinforcement, 5.5 psf	1,100	lbs	\$1.36	\$1,493
Pit excavation	38	cy	\$27.60	\$1,049
Backfill and compact	16	cy	\$40.25	\$626
Haul surplus	22	cy	\$51.75	\$1,162
Underpin existing foundation wall, 3', allowance	1	ls	\$7,500.00	\$7,500
Micropiling Allowance	1	ls	\$150,000.00	\$150,000
Miscellaneous			\$0.00	\$0
Perimeter foundation drain	353	lf	\$40.25	\$14,208
Miscellaneous concrete, allowance	48,997	gsf	\$0.35	\$17,149
			\$0.00	\$0

Total - Concrete **\$1,608,133**

04 Masonry

\$0.00 \$0

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
CMU			\$0.00	\$0
Interior partitions				\$0
Locker Room Expansion	1,250	sf	\$36.80	\$46,000
Locker Room Renovation	6,386	sf	\$36.80	\$235,005
South Concourse + Building Addition	6,991	sf	\$36.80	\$257,269
Remaining area	2,242	sf	\$36.80	\$82,506
Metal Wall Panels Exterior Wall, Allowance	6,417	sf	\$45.00	\$288,765
			\$0.00	\$0
Total - Masonry				\$909,544

05 Metals

Structural Steel			\$0.00	\$0
			\$0.00	\$0
New W27 support beam, north wall grade beam demo area	128	lf	\$510.00	\$65,280
New HSS10x10 columns	33	lf	\$239.50	\$7,904
Floor framing				
Floor framing, new concourse	5,157	sf	\$51.00	\$263,007
Metal deck, 2"	5,157	sf	\$8.91	\$45,962
Floor framing, new south building addition	2,734	sf	\$51.00	\$139,434
Metal deck, 2"	2,734	sf	\$7.48	\$20,450
Roof framing				
Roof framing, north locker room expansion	1,320	sf	\$42.50	\$56,100
Metal deck, 2"	1,320	sf	\$8.91	\$11,765
New roof framing	46,230	sf	\$69.60	\$3,217,608
7 truss system	327	tn		Included above
End roof condition	40	tn		Included above
Miscellaneous columns, allow	12	tn		Included above
New brace framing - steel with concrete infill	10	ea	\$15,000.00	\$150,000
Provide new brace fram at western precast wall	1	ea	\$15,000.00	\$15,000
Additional decking/steel/etc				
Metal deck, 2"	46,230	sf	\$8.91	\$411,909
Miscellaneous steel	46,230	sf	\$5.00	\$231,150
Rigging points	10	ea	\$2,500.00	\$25,000
Lighting support steel	46,230	sf	\$4.50	\$208,035
Catwalks	2	ea	\$30,000.00	\$60,000
Precast seating deck framing, raker beams and columns	2,721	sf	\$63.75	\$173,464
Additional support at new floor elevator opening	30	lf	\$339.18	\$10,175
Miscellaneous Steel			\$0.00	\$0
Lintel, L8x4, header and jambs at existing foundation wall openings	8	lf	\$46.00	\$368
Arena rigging / concert pick points, allowance	0	ls	\$0.00	see above
Elevator pit ladder	1	ea	\$1,437.50	\$1,438
Elevator hoist beam	1	ea	\$517.50	\$518
Elevator sill angles	2	ea	\$230.00	\$460
Steel guardrail, concourse	175	lf	\$250.00	\$43,750
Steel guardrail, fixed seating	377	lf	\$250.00	\$94,250
Zamboni dump pit grating	292	sf	\$74.75	\$21,827
Miscellaneous metals, allowance	48,997	gsf	\$1.50	\$73,496

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Element	Quantity	Unit	Unit Cost	Total
			\$0.00	\$0
Total - Metals				\$5,348,348

06 Wood, Plastics, And Composites

			\$0.00	\$0
Rough Carpentry / Backing / Blocking, Allowance	48,997	gsf	\$1.25	\$61,246
Millwork			\$0.00	\$0
Plastic-laminate base cabinets with solid surface countertop, Concession / Marketplace / POS	31	lf	\$442.75	\$13,725
Plastic-laminate work surface on supports, Skate Rental / Pro Shop office	8	lf	\$143.75	\$1,150
Drink rail, 12" deep, reclaimed wood from existing benches, allowance	180	lf	\$250.00	\$45,000
Work counter, Zamboni room	12	lf	\$400.00	\$4,800
Plastic-laminate base cabinets with solid surface countertop, Admin kitchenette	6	lf	\$672.75	\$4,037
Built-in cabinets, conference, allowance	12	lf	\$800.00	\$9,600
Solid surface lavatory counter, restrooms				<i>None Indicated</i>
Benches, home and visitor, allowance	58	lf	\$165.00	\$9,570
Bulk paper supply storage shelving, allowance	50	lf	\$258.75	\$12,938
Additional millwork, allowance	48,997	gsf	\$1.02	\$50,000
			\$0.00	\$0
Total - Wood, Plastics, And Composites				\$212,066

07 Thermal And Moisture Protection

			\$0.00	\$0
Dampproofing and Waterproofing			\$0.00	\$0
Waterproofing, new foundation wall, locker room expansion	3,315	sf	\$9.60	\$31,832
Waterproofing, elevator pit	301	sf	\$9.60	\$2,890
Waterproofing, Zamboni dump pit	816	sf	\$9.60	\$7,836
Thermal Protection			\$0.00	\$0
Rigid wall insulation, new foundation wall, locker room expansion	3,315	sf	\$5.75	\$19,061
Rigid wall insulation, new south addition	6,825	sf	\$5.75	\$39,244
Rigid wall insulation, wall extension for roof height increase	2,800	sf	\$5.75	\$16,100
Air barrier, fluid-applied membrane, new south addition	6,825	sf	\$6.33	\$43,168
Air barrier, fluid-applied membrane, wall extension for roof height increase	2,800	sf	\$6.33	\$17,710
Thermal batt insulation, exterior walls, new south addition	6,825	sf	\$2.01	\$13,735
Thermal batt insulation, exterior walls, wall extension for roof height increase	2,800	sf	\$2.01	\$5,635
Roofing			\$0.00	\$0
Demo existing roofing system	36,400	sf	\$3.24	\$118,045
Trash chute				in general requirements
Remove existing beams	1,600	sf	\$9.00	\$14,400
Prep beams for re-use	12	ea	\$5,000.00	\$60,000
Erect wood beams in future location	12	ea	\$2,500.00	\$30,000
Reinforce existing columns - Allowance	12	ea	\$10,000.00	\$120,000
Recover wood slats and store for re-use	35,000	sf	\$1.50	\$52,500
New metal roofing system, allowance	46,230	sf	\$42.23	\$1,952,062
Membrane roofing system at new locker room expansion, allowance	1,320	sf	\$25.19	\$33,244

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Element	Quantity	Unit	Unit Cost	Total
Fascia	1,568	sf	\$45.00	\$70,560
Coping	512	lf	\$26.00	\$13,312
Flashing / counterflashing	47,550	gsf	\$1.00	\$47,550
Miscellaneous sheetmetal	47,550	gsf	\$0.25	\$11,888
Roof hatch, north locker room expansion	1	ea	\$4,080.00	\$4,080
Temporary roof protection	46,230	sf	\$0.24	\$11,165
Snow railing	648	lf	\$92.00	\$59,616
Fireproofing and Firestopping			\$0.00	\$0
Spray-on fireproofing, new steel framing, new south addition	7,891	gsf	\$3.45	\$27,224
Spray-on fireproofing, new steel framing, locker room expansion	1,320	gsf	\$3.45	\$4,554
Spray-on fireproofing, new steel framing, roof structure - not required per PG	0	gsf	Not required above 15'	
Firestopping, allowance	48,997	gsf	\$0.15	\$7,350
Expansion Joints, Allowance	1	ls	\$4,200.00	\$4,200
Miscellaneous Caulking and Sealants	48,997	gsf	\$1.95	\$95,544
			\$0.00	\$0
Total - Thermal And Moisture Protection				\$2,934,505

08 Openings

Exterior Glazing			\$0.00	\$0
Aluminum storefront glazing, South Lobby	408	sf	\$118.45	\$48,328
Ticket window			<i>With West Lobby Alternate</i>	
Exterior Doors, Frames, Hardware			\$0.00	\$0
Aluminum storefront door, frame, hardware, double, South Lobby	9	pr	\$10,819.20	\$97,373
Power door operators	2	ea	\$4,850.00	\$9,700
Clerestory, Kalwall	680	sf	\$132.25	\$89,930
Interior Glazing			\$0.00	\$0
Aluminum storefront glazing, South Lobby and Administrative	887	sf	\$118.45	\$105,065
Interior Doors, Frames, Hardware			\$0.00	\$0
Aluminum storefront door, frame, hardware, single, Skate Rental / Pro Shop	1	ea	\$6,011.05	\$6,011
Aluminum storefront door, frame, hardware, double, South Lobby	3	pr	\$10,819.20	\$32,458
Power door operators	1	ea	\$4,850.00	\$4,850
Doors, frames, hardware, single				\$0
Locker Room Expansion	2	ea	\$2,702.50	\$5,405
Locker Room Renovation	6	ea	\$2,702.50	\$16,215
South Concourse + Building Addition	4	ea	\$2,702.50	\$10,810
Remaining area	2	ea	\$2,702.50	\$5,405
Doors, frames, hardware, pair				\$0
Locker Room Expansion	2	pr	\$4,729.95	\$9,460
Remaining area	5	pr	\$4,729.95	\$23,650
Access Panels in Gypsum Board Ceilings				\$0
Locker Room Expansion	4	ea	\$460.00	\$1,840
Locker Room Renovation	12	ea	\$460.00	\$5,520
South Concourse + Building Addition	8	ea	\$460.00	\$3,680
Remaining area	4	ea	\$460.00	\$1,840
Specialty Doors			\$0.00	\$0
Overhead coiling doors, 16'-0" x 10'-0", Zamboni Room	1	ea	\$13,800.00	\$13,800

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Element	Quantity	Unit	Unit Cost	Total
Overhead coiling doors, 10'-0" x 10'-0", BoH / Loading	1	ea	\$8,625.00	\$8,625
Rolling shutter door, 7'-6" x 30'-0", Concessions	1	ea	\$16,818.75	\$16,819
Mirrors			\$0.00	\$0
Full-height dressing / grooming mirrors, frameless				\$0
Locker Room Expansion	145	ea	\$32.20	\$4,669
Locker Room Renovation	443	ea	\$32.20	\$14,265
			\$0.00	\$0
Total - Openings				\$535,716

09 Finishes

			\$0.00	\$0
Exterior Walls, South Building Addition			\$0.00	\$0
Exterior metal studs			\$0.00	\$0
Metal stud framing	6,825	sf	\$15.00	\$102,375
Gypsum board to interior of exterior				\$0
5/8" gypsum board, finished	6,825	sf	\$3.56	\$24,297
Exterior sheathing	6,825	sf	\$2.40	\$16,380
Exterior Walls, Roof Height Increase			\$0.00	\$0
Exterior metal studs			\$0.00	\$0
Metal stud framing, allowance	2,800	sf	\$30.00	\$84,000
Gypsum board to interior of exterior				\$0
5/8" gypsum board, finished	2,800	sf	\$3.56	\$9,968
Exterior sheathing	2,800	sf	\$2.40	\$6,720
Interior Partitions, South Building Addition			\$0.00	\$0
Metal studs			\$0.00	\$0
Interior metal stud framing, 3-5/8"	4,230	sf	\$7.73	\$32,698
Gypsum board			\$0.00	\$0
5/8" gypsum board, finished	8,460	sf	\$3.56	\$30,118
Sound batt insulation	4,230	sf	\$1.32	\$5,594
Column wraps, gypsum board, roof structure columns	12	ea	\$7,500.00	\$90,000
Floor Finishes			\$0.00	\$0
Luxury vinyl tile			\$0.00	\$0
Lounge, South Concourse + Building Addition	1,995	sf	\$9.20	\$18,354
Lounge, Remaining Area	768	sf	\$9.20	\$7,066
Concessions / POS	746	sf	\$9.20	\$6,863
Skate rental / pro shop	796	sf	\$9.20	\$7,323
Spectator support rooms	385	sf	\$9.20	\$3,542
SDT, Server / IT room	85	sf	\$10.00	\$850
Carpet Tile			\$0.00	\$0
Administration	1,162	sf	\$5.75	\$6,682
Epoxy			\$0.00	\$0
Locker room expansion	1,320	sf	\$20.70	\$27,324
Locker room renovation	2,713	sf	\$20.70	\$56,159
Public restrooms, multi-user, South Concourse + Addition	1,617	sf	\$20.70	\$33,472
Public restrooms, multi-user, Remaining Area	939	sf	\$20.70	\$19,437
Sealed Concrete			\$0.00	\$0
General arm chair seating	2,721	sf	\$2.30	\$6,258

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Element	Quantity	Unit	Unit Cost	Total
Zamboni	361	sf	\$2.30	\$830
Loading dock / receiving / marshalling	2,781	sf	\$2.30	\$6,396
MEPT	1,153	sf	\$2.30	\$2,652
Main electrical	122	sf	\$2.30	\$281
MEP / storage	261	sf	\$2.30	\$600
Mechanical ice plant	547	sf	\$2.30	\$1,258
Central janitorial supply storage	48	sf	\$2.30	\$110
Information / Video Board	109	sf	\$2.30	\$251
Storage	334	sf	\$2.30	\$768
Polished Concrete			\$0.00	\$0
Concourses	7,530	sf	\$5.46	\$41,133
South concourse	2,075	sf	\$5.46	\$11,335
Seating - Drink Rails, ADA	402	sf	\$5.46	\$2,196
South building lobby	475	sf	\$5.46	\$2,595
Ceramic tile flooring			\$0.00	\$0
Single-user restroom	217	sf	\$24.60	\$5,338
Single-user restroom	73	sf	\$24.60	\$1,796
Wall Base			\$0.00	\$0
Rubber base, 6"				\$0
South Concourse + Addition	3,556	lf	\$4.60	\$16,358
Remaining area	1,268	lf	\$4.60	\$5,833
Ceramic tile base				\$0
Single-user restroom	80	lf	\$23.00	\$1,840
Single-user restroom	40	lf	\$23.00	\$920
Public restrooms, multi-user, South Concourse + Addition	263	lf	\$23.00	\$6,049
Public restrooms, multi-user, Remaining Area	128	lf	\$23.00	\$2,944
Ceiling Finishes			\$0.00	\$0
ACT			\$0.00	\$0
Concessions / POS	746	sf	\$8.05	\$6,005
Skate rental / pro shop	796	sf	\$8.05	\$6,408
Concourse, lower level	4,610	sf	\$8.05	\$37,111
Spectator support rooms	385	sf	\$8.05	\$3,099
SDT, Server / IT room	85	sf	\$8.05	\$684
South building lobby	475	sf	\$8.05	\$3,824
Administration	1,162	sf	\$8.05	\$9,354
Gypsum board incl. framing			\$0.00	\$0
Single-user restroom	217	sf	\$11.50	\$2,496
Single-user restroom	73	sf	\$11.50	\$840
Locker room expansion	1,320	sf	\$11.50	\$15,180
Locker room renovation	2,713	sf	\$11.50	\$31,200
Public restrooms, multi-user, South Concourse + Addition	1,617	sf	\$11.50	\$18,596
Public restrooms, multi-user, Remaining Area	939	sf	\$11.50	\$10,799
Exposed to structure			\$0.00	\$0
Zamboni	361	sf	\$0.00	Not Painted
Loading dock / receiving / marshalling	2,781	sf	\$0.00	Not Painted
MEPT	1,153	sf	\$0.00	Not Painted
Main electrical	122	sf	\$0.00	Not Painted
MEP / storage	261	sf	\$0.00	Not Painted

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Mechanical ice plant	547	sf	\$0.00	Not Painted
Central janitorial supply storage	48	sf	\$0.00	Not Painted
Information / Video Board, paint open to structure steel	109	sf	\$4.03	\$439
Storage	334	sf	\$0.00	Not Painted
Seating - Drink Rails, ADA	402	sf	\$0.00	Not Painted
Lounge, paint open to structure steel, allowance	768	sf	\$0.00	Not Painted
Lounge, South Concourse + Building Addition	1,995	sf	\$4.03	\$8,030
General arm chair seating	2,721	sf	\$0.00	Not Painted
Concourse, upper level	2,920	sf	\$0.00	Not Painted
Concourse, south concourse	2,075	sf	\$0.00	Not Painted
Wall Finishes			\$0.00	\$0
Ceramic tile, wainscot, 5'H				\$0
Single-user restroom	200	sf	\$23.00	\$4,600
Single-user restroom	100	sf	\$23.00	\$2,300
Public restrooms, multi-user, South Concourse + Addition	332	sf	\$23.00	\$7,636
Public restrooms, multi-user, Remaining Area	640	sf	\$23.00	\$14,720
Ceramic tile, full-height, showers and wet walls				\$0
Toilet / shower rooms, locker room expansion	1,573	sf	\$23.00	\$36,179
Toilet / shower rooms, locker room renovation	3,086	sf	\$23.00	\$70,978
Single-user restroom	480	sf	\$23.00	\$11,040
Single-user restroom	240	sf	\$23.00	\$5,520
Public restrooms, multi-user, South Concourse + Addition	2,363	sf	\$23.00	\$54,349
Public restrooms, multi-user, Remaining Area	1,220	sf	\$23.00	\$28,060
FRP, housekeeping closets	306	sf	\$11.50	\$3,519
Additional wall finishes, allowance	48,997	gsf	\$0.65	\$31,848
Paint and Coating			\$0.00	\$0
Paint drywall partitions	18,085	sf	\$1.15	\$20,798
Paint drywall ceilings				\$0
Single-user restroom	217	sf	\$1.38	\$299
Single-user restroom	73	sf	\$1.38	\$101
Locker room expansion	1,320	sf	\$1.38	\$1,822
Locker room renovation	2,713	sf	\$1.38	\$3,744
Public restrooms, multi-user, South Concourse + Addition	1,617	sf	\$1.38	\$2,231
Public restrooms, multi-user, Remaining Area	939	sf	\$1.38	\$1,296
Epoxy paint CMU partitions				\$0
Toilet / shower rooms, locker room expansion	919	sf	\$3.22	\$2,959
Toilet / shower rooms, locker room renovation	9,686	sf	\$3.22	\$31,189
Single-user restroom	200	sf	\$3.22	\$644
Single-user restroom	100	sf	\$3.22	\$322
Public restrooms, multi-user, South Concourse + Addition	10,363	sf	\$3.22	\$33,369
Public restrooms, multi-user, Remaining Area	2,624	sf	\$3.22	\$8,449
Paint HM doors and frames				\$0
Locker Room Expansion	6	ea	\$172.50	\$1,035
Locker Room Renovation	6	ea	\$172.50	\$1,035
South Concourse + Building Addition	4	ea	\$172.50	\$690
Remaining area	12	ea	\$172.50	\$2,070
Paint guard rails	552	lf	\$9.20	\$5,078
Arena floor striping / painting, allowance	1	ls	\$40,000.00	\$40,000

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Miscellaneous painting and touchup	48,997	gsf	\$0.45	\$22,049
Miscellaneous			\$0.00	\$0
Prep existing for new finishes, allowance	48,997	gsf	\$0.75	\$36,748
			\$0.00	\$0
Total - Finishes				\$1,347,701

10 Specialties

			\$0.00	\$0
Signage			\$0.00	\$0
Room signage, allowance	1	ls	\$5,175.00	\$5,175
Code-required signage, allowance	1	ls	\$9,200.00	\$9,200
Wayfinding signage, allowance - see owner's budget	1	ls	\$0.00	\$0
Building letters, allowance	30	ea	\$500.00	\$15,000
Additional signage placeholder, allowance - see owner's budget	1	ls	\$0.00	\$0
Toilet Compartments			\$0.00	\$0
Locker room expansion				\$0
Standard stall, phenolic, floor-mounted	2	ea	\$1,523.75	\$3,048
ADA-compliant stall, phenolic, floor-mounted	2	ea	\$1,587.00	\$3,174
Locker room renovation				\$0
Standard stall, phenolic, floor-mounted	4	ea	\$1,523.75	\$6,095
ADA-compliant stall, phenolic, floor-mounted	4	ea	\$1,587.00	\$6,348
Public restrooms, multi-user, South Concourse + Addition	0			\$0
Standard stall, phenolic, floor-mounted	22	ea	\$1,523.75	\$33,523
ADA-compliant stall, phenolic, floor-mounted	2	ea	\$1,587.00	\$3,174
Urinal screen, phenolic	11	ea	\$575.00	\$6,325
Public restrooms, multi-user, Remaining Area		ea	\$1,523.75	\$0
Standard stall, phenolic, floor-mounted	13	ea	\$1,523.75	\$19,809
ADA-compliant stall, phenolic, floor-mounted	8	ea	\$1,587.00	\$12,696
Urinal screen, phenolic	4	ea	\$575.00	\$2,300
Corner guards, allowance	20	ea	\$150.00	\$3,000
Lockers			\$0.00	\$0
Locker room expansion				\$0
Lockers, allowance	56	ea	\$1,265.00	\$70,208
Locker bench, allowance	16	ea	\$201.25	\$3,220
Locker room renovation				\$0
Lockers, allowance	120	ea	\$1,265.00	\$151,168
Locker bench, allowance	45	lf	\$201.25	\$9,056
Debrillator AED Device with Wall Cabinet	4	ea	\$3,197.00	\$12,788
Fire Extinguishers and Cabinets	16	ea	\$465.75	\$7,607
Toilet Accessories			\$0.00	\$0
Locker room expansion				\$0
Grab bar	4	ea	\$212.75	\$851
Toilet paper dispenser	4	ea	\$161.00	\$644
Seat cover dispenser	4	ea	\$166.75	\$667
Soap dispenser	2	ea	\$74.75	\$150
Paper towel dispenser / waste receptacle, recessed	2	ea	\$402.50	\$805
Shower accessories, standard stall	2	ea	\$270.25	\$541

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Robe hook	6	ea	\$23.00	\$138
Changing curtain	2	ea	\$150.00	\$300
Electric hand dryer	2	ea	\$1,063.75	\$2,128
Framed mirror with shelf, single-user restrooms	2	ea	\$402.50	\$805
Locker room renovation				\$0
Grab bar	8	ea	\$212.75	\$1,702
Toilet paper dispenser	10	ea	\$161.00	\$1,610
Seat cover dispenser	10	ea	\$166.75	\$1,668
Soap dispenser	6	ea	\$74.75	\$449
Paper towel dispenser / waste receptacle, recessed	6	ea	\$402.50	\$2,415
Shower accessories, standard stall	6	ea	\$270.25	\$1,622
Robe hook	16	ea	\$23.00	\$368
Changing curtain	4	ea	\$150.00	\$600
Electric hand dryer	6	ea	\$1,063.75	\$6,383
Framed mirror with shelf, single-user restrooms	6	ea	\$402.50	\$2,415
South concourse + building addition				\$0
Grab bar	4	ea	\$212.75	\$851
Toilet paper dispenser	24	ea	\$161.00	\$3,864
Seat cover dispenser	24	ea	\$166.75	\$4,002
Sanitary napkin disposal	20	ea	\$86.25	\$1,725
Sanitary napkin dispenser	1	ea	\$450.00	\$450
Soap dispenser	9	ea	\$74.75	\$673
Paper towel dispenser / waste receptacle, recessed	8	ea	\$402.50	\$3,220
Diaper changing station	2	ea	\$1,725.00	\$3,450
Electric hand dryer	6	ea	\$1,063.75	\$6,383
Framed mirror with shelf, single-user restrooms	9	ea	\$402.50	\$3,623
Mop and broom holder w/ shelf	2	ea	\$345.00	\$690
Remaining area				\$0
Grab bar	16	ea	\$212.75	\$3,404
Toilet paper dispenser	21	ea	\$161.00	\$3,381
Seat cover dispenser	21	ea	\$166.75	\$3,502
Sanitary napkin disposal	7	ea	\$86.25	\$604
Sanitary napkin dispenser	1	ea	\$450.00	\$450
Soap dispenser	6	ea	\$86.25	\$518
Paper towel dispenser / waste receptacle, recessed	4	ea	\$74.75	\$299
Diaper changing station	4	ea	\$1,725.00	\$6,900
Electric hand dryer	8	ea	\$402.50	\$3,220
Framed mirror with shelf, single-user restrooms	6	ea	\$345.00	\$2,070
Mop and broom holder w/ shelf	2	ea	\$345.00	\$690
			\$0.00	\$0

Total - Specialties **\$463,136**

11 Equipment

\$0.00 \$0

Pedestrian Control Equipment

Turnstiles

TBD

Scanners, event entry doors

With FF&E Allowance

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Ticket Scanners and Printers				<i>With FF&E Allowance</i>
Food Service Equipment				<i>No Work Indicated</i>
Bar Service Equipment				<i>No Work Indicated</i>
F&B Carts				<i>Excluded</i>
Vending Machines			\$0.00	<i>Excluded</i>
Appliances			\$0.00	\$0
Refrigerator, break room	1	ea	\$2,400.00	\$2,400
Dishwasher, break room				<i>None Indicated</i>
Microwave, break room	1	ea	\$450.00	\$450
Vault / Lockable Storage	1	ls	\$25,000.00	\$25,000
Point of Sale Equipment, Allowance				<i>With FF&E Allowance</i>
LED Scoreboard, Allowance	1	ea		<i>Not Included</i>
Skate Sharpening Equipment				<i>With FF&E Allowance</i>
All Other Equipment			\$0.00	\$0
Total - Equipment				\$27,850

12 Furnishings

			\$0.00	\$0
Recessed Entry Mat, Vestibules	275	sf	\$28.75	\$7,906
Embed frame	70	lf	\$7.19	\$503
Window Treatments				<i>Not Included</i>
Furnishings, New or Relocated				<i>With FF&E Allowance</i>
Barstool				<i>With FF&E Allowance</i>
Medium conference table				<i>With FF&E Allowance</i>
Desks				<i>With FF&E Allowance</i>
Tables + chairs				<i>With FF&E Allowance</i>
Standing tables + barstools				<i>With FF&E Allowance</i>
Standing tables				<i>With FF&E Allowance</i>
All Other Furnishings			\$0.00	\$0
Total - Furnishings				\$8,409

13 Special Construction

			\$0.00	\$0
Ice Rink				\$0
Dasher boards, allowance	603	lf	\$431.25	\$260,044
Safety glass	4,824	sf	\$125.00	\$603,000
Fixed Seating	270	ea	\$700.00	\$189,000
			\$0.00	\$0
Total - Special Construction				\$1,052,044

14 Conveying Systems

\$0.00 \$0

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Elevator, Holeless Hydraulic, 3,500 lbs, Passenger / Freight	2	stop	\$40,000.00	\$80,000
Cab finish, allowance	1	ea	\$20,000.00	\$20,000
			\$0.00	\$0

Total - Conveying Systems				\$100,000
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21 Fire Suppression

\$0.00 \$0

Fire Suppression

Locker Room Expansion	1,320	sf	\$6.74	\$8,897
Locker Room Renovation	2,713	sf	\$6.74	\$18,286
South Concourse + Building Addition	8,159	sf	\$6.74	\$54,992
Ice Plant	547	sf	\$6.74	\$3,687
Roof Replacement, Roof Height Increase (5'-2") Impact	1	ls	\$39,600.00	\$39,600
Fire suppression general and remaining area				
Fire pump - assumes incomng pressure is sufficient	1	ea		<i>Not Included</i>
Fire department connection	1	ea	\$1,209.00	\$1,209
Fire hose w/ rack	1	ea	\$416.30	\$416
Dry-pipe sprinklers	36,258	gsf	\$6.30	\$228,425
Design / engineering, rentals, tagging & identification	36,258	gsf	\$0.35	\$12,690
Supervision	36,258	gsf	\$0.09	\$3,263
			\$0.00	\$0

Total - Fire Suppression				\$371,465
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22 Plumbing

\$0.00 \$0

Plumbing

Locker Room Expansion	1,320	sf	\$76.90	\$101,508
Locker Room Renovation	2,713	sf	\$84.87	\$230,257
South Concourse + Building Addition	8,159	sf	\$73.55	\$600,113
Ice Plant	547	sf	\$64.17	\$35,101
Ice Arena	1	ls	\$870,584.00	\$870,584
Roof Replacement, Roof Height Increase (5'-2") Impact	1	ls	\$70,600.00	\$70,600
General Plumbing Equipment			\$0.00	\$0
Equipment	19,167	gsf	\$0.75	\$14,375
Sanitary Fixtures			\$0.00	\$0
Water closet, WC-2, wall, sensor FV	39	ea	\$1,716.00	\$66,924
Urinal, UR-2, sensor FV	12	ea	\$1,385.00	\$16,620
Lavatory, L-2, wall, sensor faucet	8	ea	\$1,297.00	\$10,376
Floor Drain, FD-1	8	ea	\$270.10	\$2,161
Hose bibb, HB-1	6	ea	\$142.70	\$856
Trap primer valve	6	ea	\$107.40	\$644
Water hammer arrestor	4	ea	\$178.80	\$715
Rough-ins			\$0.00	\$0
Complete rough-in per fixture	67	ea	\$2,598.00	\$174,066
Rough-in to ice-maker	2	ea	\$140.70	\$281

DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Rough-in to coffee dispenser	2	ea	\$136.20	\$272
Rough-in to refrigerator	2	ea	\$140.70	\$281
Domestic Cold Water			\$0.00	\$0
Domestic cold water piping	19,167	gsf	\$4.64	\$88,935
Domestic Hot Water			\$0.00	\$0
Domestic hot water piping	19,167	gsf	\$4.26	\$81,651
Waste Piping			\$0.00	\$0
Waste piping	19,167	gsf	\$4.64	\$88,935
Vent Piping			\$0.00	\$0
Vent piping, 25% allowance	12,000	gsf	\$4.26	\$51,120
Waste / Vent Connections				\$0
Rough-in at floor sink or floor drain	4	ea	\$863.40	\$3,454
Roof Drainage			\$0.00	\$0
Roof drainage, allowance	19,167	gsf	\$1.56	\$29,901
Miscellaneous Plumbing			\$0.00	\$0
Test / clean plumbing	21	hr	\$94.31	\$1,981
Start-up / check-out	42	hr	\$113.18	\$4,754
Commissioning assist	20	hr	\$99.28	\$1,986
Training / supervision	20	hr	\$99.28	\$1,986
Access panels	8	ea	\$194.00	\$1,552
Piping identification	1	ls	\$2,920.00	\$2,920
Seismic bracing	19,167	gsf	\$0.85	\$16,292
Penetrations and firestopping for plumbing	19,167	gsf	\$0.65	\$12,459
BIM Modeling, plumbing/ coordination	40	hr	\$94.31	\$3,772
Miscellaneous plumbing	19,167	gsf	\$1.00	\$19,167
			\$0.00	\$0
Total - Plumbing				\$2,606,599

23 HVAC

			\$0.00	\$0
HVAC				\$0
Locker Room Expansion	1,320	sf	\$63.55	\$83,886
Locker Room Renovation	2,713	sf	\$67.56	\$183,290
South Concourse + Building Addition	8,159	sf	\$38.48	\$313,958
Ice Plant Equipment	1	ls	\$762,480.00	\$762,480
Roof Replacement, Roof Height Increase (5'-2") Impact	1	ls	\$75,000.00	\$75,000
Chilled Water Equipment			\$0.00	\$0
Chiller, water cooled	114	ton	\$843.00	\$96,102
Condenser Water Equipment			\$0.00	\$0
Cooling towers, pumps, misc	114	ton	\$894.80	\$102,007
Heating Hot Water Equipment			\$0.00	\$0
Boilers / pumps / misc	5,118	mbh	\$179.80	\$920,216
Boiler stack, 12"	40	lf	\$221.80	\$8,872
Chilled Water Distribution			\$0.00	\$0
CHW distribution to air handlers	36,258	sf	\$1.45	\$52,574
Hot Water Distribution			\$0.00	\$0
Coil connection KIT	94	ea	\$918.40	\$86,330

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
HHW distribution	36,258	gsf	\$3.53	\$127,991
Air-Side Equipment			\$0.00	\$0
Air handlers, vav	39,884	cfm	\$7.24	\$288,760
CRACs			\$0.00	\$0
Refrigerant piping		ton	\$1,651.00	\$0
Rooftop DX			\$0.00	\$0
Rooftop A/C unit, dx, gas ht	114	ton	\$4,087.00	\$465,918
Terminal units			\$0.00	\$0
VAV box, 8", 800 cfm max	60	ea	\$1,194.00	\$71,640
Fans			\$0.00	\$0
Exhaust fans	2,100	cfm	\$2.20	\$4,620
Air Distribution			\$0.00	\$0
Ductwork			\$0.00	\$0
Ductwork, galv, self-fab'd, incl shop OH, allowance	28,600	lbs	\$11.36	\$324,896
Motorized dampers	6	ea	\$466.60	\$2,800
Flexible duct, insulated, various sizes	1,810	lf	\$17.20	\$31,132
Grilles and diffusers			\$0.00	\$0
Supply grilles	181	ea	\$149.00	\$26,969
Miscellaneous				\$0
Test / balance HVAC	265	hr	\$112.00	\$29,680
Start-up / check-out	265	hr	\$93.33	\$24,732
Commissioning assist	200	hr	\$93.33	\$18,666
MEP Coordination	160	hr	\$93.33	\$14,933
BIM Modeling, HVAC	160	hr	\$93.33	\$14,933
Pressure testing (piping)	4	ea	\$1,380.00	\$5,520
Seismic bracing	36,258	gsf	\$0.98	\$35,533
Penetrations and firestopping for HVAC	36,258	gsf	\$0.71	\$25,743
Piping identification	1	ls	\$14,600.00	\$14,600
Decommission / demo equipment, allowance	1	ls	\$109,250.00	\$109,250
Miscellaneous HVAC	36,258	gsf	\$1.00	\$36,258
			\$0.00	\$0

Total - HVAC **\$4,359,289**

25 Integrated Automation

\$0.00 \$0

HVAC Controls				\$0
Locker Room Expanson	1,320	sf	\$42.77	\$56,456
Locker Room Renovation	2,713	sf	\$32.16	\$87,250
South Concourse + Building Addition	8,159	sf	\$23.81	\$194,266
Ice Plant / Rink	547	sf	\$208.48	\$114,038
Remaining Area			\$0.00	\$0
DDC controls, chiller	1	ea	\$16,770.00	\$16,770
DDC controls, cooling tower cell	1	ea	\$23,480.00	\$23,480
DDC controls, pump wth vfd	1	ea	\$6,708.00	\$6,708
DDC controls, air handler, vav	6	ea	\$35,230.00	\$211,380
DDC controls, vav box, reheat	60	ea	\$1,887.00	\$113,220
DDC controls, control damper	6	ea	\$1,258.00	\$7,548

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DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
DDC controls, controls workstation	1	ea	\$25,160.00	\$25,160
HVAC controls	36,258	gsf	\$5.00	\$181,290
			\$0.00	\$0
Total - Integrated Automation				\$1,037,566

26 Electrical

			\$0.00	\$0
Service and Distribution			\$0.00	\$0
Service distribution & panels feeders transformers	48,997	gsf	\$6.00	\$293,982
EM service and distribution panels feeders transformers	48,997	gsf	\$2.44	\$119,553
Meter main service 3000a 277/480v 3ph 4w	1	ea	\$120,000.00	\$120,000
Generator annunciator unit	1	ea	\$2,250.00	\$2,250
Lighting inverter 16.7 kva				\$0
Elevator cab light controls connection	1	ea	\$4,500.00	\$4,500
Elevator disconnect connection	1	ea	\$6,500.00	\$6,500
Company switch 400a 120/208v 3ph 4w	4	ea	\$14,000.00	\$56,000
Company switch 100a 120/208v 3ph 4w	2	ea	\$5,100.00	\$10,200
Fire pump 480v 3ph 150a 100hp connection	1	ea	\$7,500.00	\$7,500
Generator distribution and tap unit	1	ea	\$36,000.00	\$36,000
ESE lightning Protection system 2 masts				\$0
FAA mast obstruction light dual white / red	2	ea	\$4,800.00	\$9,600
Grounding UFER and testing	48,997	gsf	\$0.44	\$21,559
Feeder 400a	300	lf	\$156.20	\$46,860
Feeder 100a	300	lf	\$44.20	\$13,260
HVAC Equipment Connections				\$0
Locker Room Expansion	1,320	gsf	\$6.00	\$7,920
Locker Room Renovation	2,713	gsf	\$6.00	\$16,278
South Concourse + Building Addition	8,159	gsf	\$6.00	\$48,954
Mechanical Ice Plant	547	gsf	\$6.00	\$3,282
HVAC equipment connections	36,258	gsf	\$6.00	\$217,548
Convenience Power			\$0.00	\$0
Locker Room Expansion	1,320	gsf	\$8.00	\$10,560
Locker Room Renovation	2,713	gsf	\$6.39	\$17,326
Tournament / Visitor Lockers	2,189	sf	\$6.00	w/ Above
Officials Dressing Rooms	524	sf	\$8.00	w/ Above
South Concourse + Building Addition	8,159	gsf	\$9.61	\$78,441
Skate Rental / Pro Shop - South Building Addition	796	sf	\$12.00	w/ Above
South Lobby - South Building Addition	475	sf	\$7.00	w/ Above
Storage - South Building Addition	334	sf	\$5.00	w/ Above
Lounge - South Building Addition	1,995	sf	\$9.00	w/ Above
Public Restrooms, Multi-User - South Building Addition	1,617	sf	\$9.00	w/ Above
Public Restrooms, Single Room - South Building Addition	73	sf	\$9.00	w/ Above
Concessions / POS - South Building Addition	746	sf	\$15.00	w/ Above
South Concourse - New Build	2,075	sf	\$9.00	w/ Above
Central Janitorial Supply Storage - South Building Addition	48	sf	\$18.00	w/ Above
Mechanical Ice Plant	547	gsf	\$200.00	\$109,400
Lounge	768	sf	\$9.00	\$6,912

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Project # 23-00349.00

07/09/23

DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
General Armchair Seating - Precast Concrete	2,721	sf	\$6.00	\$16,326
Seating - Drink Rails, SROC, ADA	402	sf	\$5.00	\$2,010
Public Restrooms, Multi-User	939	sf	\$9.00	\$8,451
Public Restrooms, Single Room	217	sf	\$9.00	\$1,953
Spectator Support Rooms	385	sf	\$8.00	\$3,080
Concourses	4,610	sf	\$4.50	\$20,745
Passenger Elevator	86	sf	\$20.00	\$1,720
Event Floor	17,090	sf	\$5.00	\$85,450
Information / Video Board	109	sf	\$40.00	\$4,360
Zamboni	361	sf	\$15.00	\$5,415
Loading Dock / Receiving / Marshalling	2,781	sf	\$9.00	\$25,029
MEPT	1,153	sf	\$5.00	\$5,765
Main Electrical	122	sf	\$20.00	\$2,440
MEP / Storage	261	sf	\$5.00	\$1,305
North Concourse	1,034	sf	\$11.00	\$11,374
West Concourse	1,025	sf	\$11.00	\$11,275
East Concourse	861	sf	\$11.00	\$9,471
Server / IT Room	85	sf	\$125.00	\$10,625
Administration	1,162	sf	\$12.00	\$13,944
Scoreboard system power connections only FBO	48,997	gsf	\$0.82	\$40,178
AV power, allowance	48,997	sf	\$0.65	\$31,848
Lighting and Lighting Controls				\$0
Locker Room Expansion	1,320	sf	\$19.00	\$25,080
Locker Room Renovation	2,713	sf	\$17.00	\$46,121
South Concourse + Building Addition	8,159	sf	\$20.00	\$163,180
Mechanical Ice Plant	547	sf	\$14.00	\$7,658
Event floor sports lighting and controls, allowance	17,090	sf	\$20.00	\$341,800
Lighting training and commissioning	1	ls	\$15,000.00	\$15,000
Lighting and lighting controls	19,168	sf	\$12.50	\$239,600
Miscellaneous			\$0.00	\$0
Demo and safe off	48,997	gsf	\$0.45	\$22,049
ESE lighting protection system	1	ls	\$36,500.00	\$36,500
Temp power and lighting	48,997	gsf	\$0.29	\$14,209
Saw cut and trench for feeders	1	ls	\$35,000.00	\$35,000
			\$0.00	\$0
Total - Electrical				\$2,523,345

27 Communications

			\$0.00	\$0
Telephone / Data Systems				\$0
Locker Room Expansion	1,320	sf	\$3.50	\$4,620
Locker Room Renovation	2,713	sf	\$3.50	\$9,496
South Concourse + Building Addition	8,159	sf	\$3.50	\$28,557
Mechanical Ice Plant	547	sf	\$3.50	\$1,915
Telephone / data systems remaining area	36,258	sf	\$3.50	\$126,903
AV Systems, Rough Conduit and Back Boxes Only				\$0
Locker Room Expansion	1,320	sf	\$1.25	\$1,650

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Project # 23-00349.00

07/09/23

DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Locker Room Renovation	2,713	sf	\$1.25	\$3,391
South Concourse + Building Addition	8,159	sf	\$1.25	\$10,199
Mechanical Ice Plant	547	sf	\$1.25	\$684
A/V systems remaining area	36,258	sf	\$1.25	\$45,323
A/V equipment, allowance				<i>By Owner</i>
P/A Systems Rough Conduit and Back Boxes Only				\$0
Locker Room Expansion	1,320	sf	\$1.25	\$1,650
Locker Room Renovation	2,713	sf	\$1.25	\$3,391
South Concourse + Building Addition	8,159	sf	\$1.25	\$10,199
Mechanical Ice Plant	547	sf	\$1.25	\$684
P/A systems remaining area	36,258	sf	\$1.25	\$45,323
P/A equipment, allowance				<i>By Owner</i>
			\$0.00	\$0
Total - Communications				\$293,982

28 Electrical Safety And Security

			\$0.00	\$0
Fire Alarm Systems				\$0
Locker Room Expansion	1,320	sf	\$3.60	\$4,752
Locker Room Renovation	2,713	sf	\$3.60	\$9,767
South Concourse + Building Addition	8,159	sf	\$3.60	\$29,372
Mechanical Ice Plant	547	sf	\$3.60	\$1,969
Fire alarm systems remaining area	36,258	sf	\$3.60	\$130,529
Fire command	48,997	sf	\$0.65	\$31,848
Security Systems, Minor Updates				\$0
Locker Room Expansion	1,320	sf	\$1.00	\$1,320
Locker Room Renovation	2,713	sf	\$1.00	\$2,713
South Concourse + Building Addition	8,159	sf	\$1.00	\$8,159
Mechanical Ice Plant	547	sf	\$3.00	\$1,641
Security systems remaining area	36,258	sf	\$1.00	\$36,258
			\$0.00	\$0
Total - Electrical Safety And Security				\$258,328

31 Earthwork

			\$0.00	\$0
Earthwork			\$0.00	\$0
Excavate for new north locker room expansion	1,065	cy	\$40.25	\$42,853
Haul surplus	1,065	cy	\$51.75	\$55,097
Temporary shoring, allowance	3,949	sf	\$74.75	\$295,188
Structural excavation				<i>With Division 03</i>
			\$0.00	\$0
Total - Earthwork				\$393,137

32 Exterior Improvements

See Sitework

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Project # 23-00349.00

07/09/23

DETAIL ELEMENTS - BUILDING RENOVATION

Element	Quantity	Unit	Unit Cost	Total
Outdoor Cooling Tower / AHU			\$0.00	\$0
Structural Steel			<i>No Work Anticipated</i>	
New W18 beams connected to existing beams and foundation walls	11	tn		\$0
Miscellaneous Steel				
Cooling tower / AHU screen wall framing, assume 8'H	173	lf		\$0
Metal panel screen, allowance	1,384	sf		\$0
Steel doors and frame	1	pr		\$0
			\$0.00	\$0
Total - Exterior Improvements				\$0
33 Utilities				
			<i>See Sitework</i>	
			\$0.00	\$0
			\$0.00	\$0
			\$0.00	\$0
Total - Utilities				\$0
34 Transportation				
			\$0.00	\$0
			\$0.00	\$0
			\$0.00	\$0
Total - Transportation				\$0

Sitework

Dobson Ice Arena Renovation Rev3

Vail, CO
 Rough Order of Magnitude

Project # 23-00349.00
 07/09/23

SUMMARY - SITEWORK

Element	Total	Cost / SF
01 General Requirements	\$16,700	\$0.36
02 Existing Conditions	\$105,432	\$2.26
05 Metals	\$0	\$0.00
26 Electrical	\$554,506	\$11.87
27 Communications	\$75,000	\$1.61
28 Electrical Safety And Security	\$70,080	\$1.50
31 Earthwork	\$156,045	\$3.34
32 Exterior Improvements	\$434,020	\$9.29
33 Utilities	\$225,000	\$4.82
Subtotal	\$1,636,783	\$35.03
General Conditions	7.00% \$114,575	\$2.45
Subtotal	\$1,751,358	\$37.49
General Requirements	4.75% \$83,190	\$1.78
Subtotal	\$1,834,548	\$39.27
Bonds & Insurance	2.50% \$45,864	\$0.98
Subtotal	\$1,880,411	\$40.25
Contractor's Fee	4.25% \$79,917	\$1.71
Subtotal	\$1,960,329	\$41.96
Design Contingency	5.00% \$98,016	\$2.10
Subtotal	\$2,058,345	\$44.06
Construction Contingency	3.50% \$72,042	\$1.54
Subtotal	\$2,130,387	\$45.60
Escalation to MOC, 01/30/25	7.09% See Summary	See Summary
TOTAL ESTIMATED CONSTRUCTION COST	\$2,130,387	\$45.60

Total Area: 46,720 SF

Dobson Ice Arena Renovation Rev3

Vail, CO
 Rough Order of Magnitude

Project # 23-00349.00
 07/09/23

DETAIL ELEMENTS - SITEWORK

Element	Quantity	Unit	Unit Cost	Total
01 General Requirements				
			\$0.00	\$0
Temporary Barricades, Warning Signs, and Lights	1	ls	\$3,500.00	\$3,500
Temporary Site Enclosure Fence	1,200	lf	\$11.00	\$13,200
			\$0.00	\$0

Total - General Requirements				\$16,700
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02 Existing Conditions

			\$0.00	\$0
Hazardous Material Testing or Abatement			\$0.00	<i>Excluded</i>
Selective Site Demolition	46,720	sf	\$2.00	\$93,440
Demo existing trees	15	ea	\$522.89	\$7,843
Protection of existing trees	15	ea	\$276.60	\$4,149
			\$0.00	\$0

Total - Existing Conditions				\$105,432
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26 Electrical

			\$0.00	\$0
Site Service and Distribution			\$0.00	\$0
Battery chargers gen connections and water heater and ATS	3	ea	\$1,850.00	\$5,550
Concrete meter pad 4000a	1	ea	\$60,000.00	\$60,000
Concrete power pull box 2x3x4	2	ea	\$8,500.00	\$17,000
Concrete transformer slab box 15kv	1	ea	\$9,500.00	\$9,500
Conduit 3-1"ATS controls	160	lf	\$47.00	\$7,520
MV duct bank conduit (2) 5" pvc for new service location	575	lf	\$216.22	\$124,327
Feeder generator 600KW U/G/ 1000a	150	lf	\$450.22	\$67,533
Feeder 900a grc	40	lf	\$58.52	\$2,341
Feeder secondary 3000a U/G	48	lf	\$1,907.00	\$91,536
Generator 600KW 277/480v 3ph 4w 3R enclosed tier2 unit	0	ea	\$390,000.00	\$0
Relocate existing transformer	1	ea	\$6,500.00	\$6,500
Vault grounding	1	ea	\$7,500.00	\$7,500
Site Lighting	1	ls	\$155,200.00	\$155,200
			\$0.00	\$0

Total - Electrical				\$554,506
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27 Communications

			\$0.00	\$0
Telephone Data Infrastructure, Allowance - Relocate the existing fiber	1	ls	\$75,000.00	\$75,000
CATV Infrastructure, Allowance	1	ls	\$0.00	\$0
			\$0.00	\$0

Total - Communications				\$75,000
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28 Electrical Safety And Security

DETAIL ELEMENTS - SITEWORK

Element	Quantity	Unit	Unit Cost	Total
			\$0.00	\$0
Site Security, Allowance	46,720	gsf	\$1.50	\$70,080
			\$0.00	\$0
Total - Electrical Safety And Security				\$70,080

31 Earthwork

			\$0.00	\$0
Earthwork				
Field staking / layout	46,720	sf	\$0.17	\$7,709
Clear and grub site	46,720	sf	\$0.39	\$17,987
Rough grading	46,720	sf	\$1.10	\$51,392
Fine grading	46,720	sf	\$0.44	\$20,557
Erosion Control	46,720	sf	\$1.25	\$58,400
			\$0.00	\$0
Total - Earthwork				\$156,045

32 Exterior Improvements

			\$0.00	\$0
Site Improvements				\$0
Pedestrian sidewalk, 8' (275 LF)	2,200	sf	\$15.00	\$33,000
Transit lane, 16' (250 LF)	4,000	sf	\$8.00	\$32,000
Event lawn	6,800	sf	\$4.00	\$27,200
Event plaza	1,800	sf	\$20.00	\$36,000
Central plaza between Dobson and Library	3,800	sf	\$20.00	\$76,000
Main entry plaza, west	2,600	sf	\$20.00	\$52,000
Re-aligned pedestrian connection, 8' (485 LF)	3,880	sf	\$4.00	\$15,520
Landscape remaining site development area	21,640	sf	\$7.50	\$162,300
Site amenities, allowance	1	ls	\$0.00	\$0
			\$0.00	\$0
Total - Exterior Improvements				\$434,020

33 Utilities

			\$0.00	\$0
Site Utilities, Allowance	46,720	gsf	\$4.82	\$225,000
			\$0.00	\$0
Total - Utilities				\$225,000

Dobson Ice Arena Renovation Rev3
 Vail, CO
 Rough Order of Magnitude

Summary of Ice Update Budget Line Items

17,090 SF

Element			Total	Cost per UM	Notes
	Sawcut and remove hockey floor ice, 6" concrete slab, 4" insulation, and 4" sand	17,090 sf	\$19.55		
01			\$ 334,110	\$ 19.55	
02	Concrete slab, 6"	17,090 sf	\$13.97 \$ 238,818	\$ 13.97	
03	Rigid insulation, 4"	17,090 sf	\$6.33 \$ 108,094	\$ 6.33	
04	Sand, 4"	17,090 sf	\$3.80 \$ 64,857	\$ 3.80	
05	Finish to slab	17,090 sf	\$2.00 \$ 34,180	\$ 2.00	
06	Arena floor striping / painting, allowance	1 ls	\$40,000.00 \$ 40,000	\$ 40,000.00	
07	Dasher boards, allowance	603 lf	\$431.25 \$ 260,044	\$ 431.25	
08	Safety glass	4,824 sf	\$125.00 \$ 603,000	\$ 125.00	
10	Ice Plant - plant room fire supression	547 sf	\$6.74 \$ 3,687	\$ 6.74	
11	Ice Plant - plant room fire supression	547 sf	\$64.17 \$ 35,101	\$ 64.17	
12	Ice Arena - below ice piping	1 ls	\$870,584.00 \$ 870,584	\$ 870,584.00	
13	Ice Plant Equipment - rink chiller	1 ls	\$762,480.00 \$ 762,480	\$ 762,480.00	
14	Ice Plant / Rink - controls	547 sf	\$208.48 \$ 114,038	\$ 208.48	
21	Mechanical Ice Plant - plant room power	547 gsf	\$6.00 \$ 3,282	\$ 6.00	
22	Mechanical Ice Plant - equipment power	547 gsf	\$200.00 \$ 109,400	\$ 200.00	
23	Mechanical Ice Plant - lighting controls	547 sf	\$14.00 \$ 7,658	\$ 14.00	
27	Mechanical Ice Plant - data	547 sf	\$3.50 \$ 1,915	\$ 3.50	
28	Mechanical Ice Plant - relocation of equip	547 sf	\$1.25 \$ 684	\$ 1.25	
31	Mechanical Ice Plant - misc conduit/back bo	547 sf	\$1.25 \$ 684	\$ 1.25	
32	Mechanical Ice Plant - fire alarm	547 sf	\$3.60 \$ 1,969	\$ 3.60	
33	Mechanical Ice Plant - security	547 sf	\$3.00 \$ 1,641	\$ 3.00	
	Subtotal		\$ 3,596,224	\$ 210.43	
	General Conditions 7.00%		\$ 251,736	\$ 14.73	
	Subtotal		\$ 3,847,960	\$ 225.16	
	General Requirements 4.75%		\$ 182,778	\$ 10.70	
	Subtotal		\$ 4,030,738	\$ 235.85	
	Bonds & Insurance 2.50%		\$ 100,768	\$ 5.90	
	Subtotal		\$ 4,131,506	\$ 241.75	
	Subguard Insurance 0.00%		\$ -	\$ -	
	Subtotal		\$ 4,131,506	\$ 241.75	
	Contractor's Fee 4.25%		\$ 175,589	\$ 10.27	
	Subtotal		\$ 4,307,095	\$ 252.02	
	Design Contingency 5.00%		\$ 215,355	\$ 12.60	
	Subtotal		\$ 4,522,450	\$ 264.63	
	Construction Contingency 3.50%		\$ 158,286	\$ 9.26	
	Subtotal		\$ 4,680,736	\$ 273.89	
	Escalation to MOC, 10/31/24 7.17%		\$ 335,580	\$ 19.64	
	TOTAL ESTIMATED CONSTRUCTION COST		\$ 5,016,316	\$ 293.52	
	Total Area: 17,090 SF				
	TOTAL ESTIMATE SOFT COSTS 20%		\$ 1,003,263		
	TOTAL COSTS ALL-IN		\$ 6,019,579		

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

West Entrance Alternate

930 SF

Element		Total	Cost per UM	Notes
New west lobby continuous footing				
Concrete	20 cy	\$ 377.20	\$ 7,607	\$ 8.18
Formwork	336 sf	\$ 14.09	\$ 4,733	\$ 5.09
Reinforcement	4084 lbs	\$ 1.36	\$ 5,542	\$ 5.96
New west lobby stem wall				
Concrete	27 cy	\$ 394.45	\$ 10,606	\$ 11.40
Formwork	1320 sf	\$ 19.26	\$ 25,427	\$ 27.34
Reinforcement	3993 lbs	\$ 1.36	\$ 5,419	\$ 5.83
Structural excavation	153 cy	\$ 40.25	\$ 6,149	\$ 6.61
Backfill and compact	106 cy	\$ 25.00	\$ 2,643	\$ 2.84
Haul surplus	47 cy	\$ 51.75	\$ 2,435	\$ 2.62
New slab-on-grade, 5" at new west lobby				
Concrete	20 cy	\$ 318.55	\$ 6,307	\$ 6.78
Formwork	109 lf	\$ 10.93	\$ 1,191	\$ 1.28
Welded wire reinforcement	52 sf	\$ 1.15	\$ 60	\$ 0.06
Dowels, 4", @ 18" o.c. into existing slab	37 ea	\$ 40.25	\$ 1,503	\$ 1.62
Vapor barrier	52 sf	\$ 0.63	\$ 33	\$ 0.04
Finish to slab	52 sf	\$ 0.86	\$ 45	\$ 0.05
New topping slab on existing sloped slab	290 sf	\$ 13.70	\$ 3,973	\$ 4.27
Stone veneer	730 sf	\$ 80.00	\$ 58,400	\$ 62.80
Roof framing, new west lobby	1190 sf	\$ 51.00	\$ 60,690	\$ 65.26
Metal deck, 1-1/2"	1190 sf	\$ 7.48	\$ 8,895	\$ 9.56
Roofing	930 sf	\$ 25.19	\$ 23,422	\$ 25.19
Roof hatch, new west lobby expansion	1 ea	\$ 4,080.00	\$ 4,080	\$ 4.39
Rigid wall insulation, new west expansion	1796 sf	\$ 5.75	\$ 10,327	\$ 11.10
Air barrier, fluid-applied membrane, new	1796 sf	\$ 6.33	\$ 11,360	\$ 12.21
Thermal batt insulation, exterior walls	1796 sf	\$ 2.01	\$ 3,614	\$ 3.89
Spray-on fireproofing, new steel framing	1190 sf	\$ 3.45	\$ 4,106	\$ 4.41
Plastic-laminate work surface on support	22 lf	\$ 143.75	\$ 3,163	\$ 3.40
Ticket Window	2 ea	\$ 3,500.00	\$ 7,000	\$ 7.53
Aluminum storefront glazing	1066 sf	\$ 118.45	\$ 126,268	\$ 135.77
Aluminum storefront door, frame, hardware	8 ea	\$ 10,819.20	\$ 86,554	\$ 93.07
Power door operators	1 ea	\$ 4,850.00	\$ 4,850	\$ 5.22
Exterior metal studs				
Metal stud framing	1796 sf	\$ 15.00	\$ 26,940	\$ 28.97
Gypsum board to interior of exterior				
5/8" gypsum board, finished	1796 sf	\$ 3.56	\$ 6,394	\$ 6.88
Exterior sheathing	1796 sf	\$ 2.40	\$ 4,310	\$ 4.63
Interior metal studs	144 sf	\$ 7.73	\$ 1,113	\$ 1.20
5/8" gypsum board, finished	288 sf	\$ 3.56	\$ 1,025	\$ 1.10
Sound batt	144 sf	\$ 1.32	\$ 190	\$ 0.20
Polished concrete	930 sf	\$ 5.46	\$ 5,080	\$ 5.46
ACT	930 sf	\$ 8.05	\$ 7,487	\$ 8.05
Painting	1 ls	\$ 1,000.00	\$ 1,000	\$ 1.08
Recessed Entry Mat, Vestibules	275 sf	\$ 28.75	\$ 7,906	\$ 8.50
Embed frame	70 lf	\$ 7.19	\$ 503	\$ 0.54
Fire Sprinkler	930 sf	\$ 6.74	\$ 6,268	\$ 6.74
HVAC	930 sf	\$ 38.48	\$ 35,786	\$ 38.48
West Lobby - Electrical	784 sf	\$ 20.00	\$ 15,680	\$ 16.86
Box Office - Electrical	146 sf	\$ 20.00	\$ 2,920	\$ 3.14
Lighting & Controls	930 sf	\$ 18.00	\$ 16,740	\$ 18.00
Communications	930 sf	\$ 6.00	\$ 5,580	\$ 6.00
Safety and Security	930 sf	\$ 4.60	\$ 4,278	\$ 4.60
Subtotal		\$ 645,601	\$ 694.19	
General Conditions	7.00%	\$ 45,192	\$ 48.59	
Subtotal		\$ 690,793	\$ 742.79	
General Requirements	4.75%	\$ 32,813	\$ 35.28	
Subtotal		\$ 723,606	\$ 778.07	
Bonds & Insurance	2.50%	\$ 18,090	\$ 19.45	
Subtotal		\$ 741,696	\$ 797.52	
Subguard Insurance	0.00%	\$ -	\$ -	
Subtotal		\$ 741,696	\$ 797.52	
Contractor's Fee	4.25%	\$ 31,522	\$ 33.89	
Subtotal		\$ 773,218	\$ 831.42	
Design Contingency	5.00%	\$ 38,661	\$ 41.57	
Subtotal		\$ 811,879	\$ 872.99	
Construction Contingency	3.50%	\$ 28,416	\$ 30.55	
Subtotal		\$ 840,295	\$ 903.54	
Escalation to MOC, 10/31/24	7.17%	\$ 60,244	\$ 64.78	
TOTAL ESTIMATED CONSTRUCTION COST		\$ 900,539	\$ 968.32	
Total Area:	930 SF			
TOTAL ESTIMATE SOFT COSTS	25%	\$ 225,135		
TOTAL COSTS ALL-IN		\$ 1,125,674		

Dobson Ice Arena Renovation Rev3

Vail, CO

Rough Order of Magnitude

Summary of Ice Update Budget Line Items

17,090 SF

Element			Total	Cost per UM	Notes
	Sawcut and remove hockey floor ice, 6" concrete slab, 4" insulation, and 4' sand	17,090 sf	\$19.55		
01			\$ 334,110	\$ 19.55	
02	Concrete slab, 6"	17,090 sf	\$13.97 \$ 238,818	\$ 13.97	
03	Rigid insulation, 4"	17,090 sf	\$6.33 \$ 108,094	\$ 6.33	
04	Sand, 4"	17,090 sf	\$3.80 \$ 64,857	\$ 3.80	
05	Finish to slab	17,090 sf	\$2.00 \$ 34,180	\$ 2.00	
06	Arena floor striping / painting, allowance	1 ls	\$40,000.00 \$ 40,000	\$ 40,000.00	
07	Dasher boards, allowance	603 lf	\$431.25 \$ 260,044	\$ 431.25	
08	Safety glass	4,824 sf	\$125.00 \$ 603,000	\$ 125.00	
10	Ice Plant - plant room fire supression	547 sf	\$6.74 \$ 3,687	\$ 6.74	
11	Ice Plant - plant room fire supression	547 sf	\$64.17 \$ 35,101	\$ 64.17	
12	Ice Arena - below ice piping	1 ls	\$870,584.00 \$ 870,584	\$ 870,584.00	
13	Ice Plant Equipment - rink chiller	1 ls	\$762,480.00 \$ 762,480	\$ 762,480.00	
14	Ice Plant / Rink - controls	547 sf	\$208.48 \$ 114,038	\$ 208.48	
21	Mechanical Ice Plant - plant room power	547 gsf	\$6.00 \$ 3,282	\$ 6.00	
22	Mechanical Ice Plant - equipment power	547 gsf	\$200.00 \$ 109,400	\$ 200.00	
23	Mechanical Ice Plant - lighting controls	547 sf	\$14.00 \$ 7,658	\$ 14.00	
27	Mechanical Ice Plant - data	547 sf	\$3.50 \$ 1,915	\$ 3.50	
28	Mechanical Ice Plant - relocation of equip	547 sf	\$1.25 \$ 684	\$ 1.25	
31	Mechanical Ice Plant - misc conduit/back bo	547 sf	\$1.25 \$ 684	\$ 1.25	
32	Mechanical Ice Plant - fire alarm	547 sf	\$3.60 \$ 1,969	\$ 3.60	
33	Mechanical Ice Plant - security	547 sf	\$3.00 \$ 1,641	\$ 3.00	
	Subtotal		\$ 3,596,224	\$ 210.43	
	General Conditions 7.00%		\$ 251,736	\$ 14.73	
	Subtotal		\$ 3,847,960	\$ 225.16	
	General Requirements 4.75%		\$ 182,778	\$ 10.70	
	Subtotal		\$ 4,030,738	\$ 235.85	
	Bonds & Insurance 2.50%		\$ 100,768	\$ 5.90	
	Subtotal		\$ 4,131,506	\$ 241.75	
	Subguard Insurance 0.00%		\$ -	\$ -	
	Subtotal		\$ 4,131,506	\$ 241.75	
	Contractor's Fee 4.25%		\$ 175,589	\$ 10.27	
	Subtotal		\$ 4,307,095	\$ 252.02	
	Design Contingency 5.00%		\$ 215,355	\$ 12.60	
	Subtotal		\$ 4,522,450	\$ 264.63	
	Construction Contingency 3.50%		\$ 158,286	\$ 9.26	
	Subtotal		\$ 4,680,736	\$ 273.89	
	Escalation to MOC, 10/31/24 7.17%		\$ 335,580	\$ 19.64	
	TOTAL ESTIMATED CONSTRUCTION COST		\$ 5,016,316	\$ 293.52	
	Total Area: 17,090 SF				
	TOTAL ESTIMATE SOFT COSTS 20%		\$ 1,003,263		
	TOTAL COSTS ALL-IN		\$ 6,019,579		



EXHIBIT A SUMMARY OF WORK

Exhibit A – Summary of Work

Definitions:

CLIENT shall also be referred to as OWNER and/or HOST.

CONTRACTOR shall also be referred to as APEX and/or DEVELOPER.

Work Description	Location	Cost
Refrigeration System - Install high efficient refrigeration system for two rinks. Includes two new concrete floors and rubber tile replacement, dasher board work included.	Building Wide	\$3,674,205
Dehumidification System - Replace existing unit that serves both rinks	Building Wide	\$358,553
Totals		\$4,032,758

Scope of Work Ice Arena

General:

Replace existing refrigeration system for Rink 2 with new combined (Rink 1&2) refrigeration plant. Plant will be ammonia stick build design by Scott ward with the following features:

- Oversized condenser
- Screw compressors
- NAC controls including head floating and scheduling
- Variable control valve
- Remove existing housekeeping apron under refrigeration equipment
- Provide new housekeeping pads
- Provide new electric feed and MCC for new plant
- Do all demo needed for new system.
- New vestibule
- Eyewash
- Refrigeration room HVAC

Remove existing rink 2 floor and subfloor heating system, replace with new concrete floor. Remove and replace dasher boards. The existing dasher boards will be reused.

Floor painting is excluded from the scope of work.



EXHIBIT A SUMMARY OF WORK

Rubber Tile Replacement Area (red highlight):

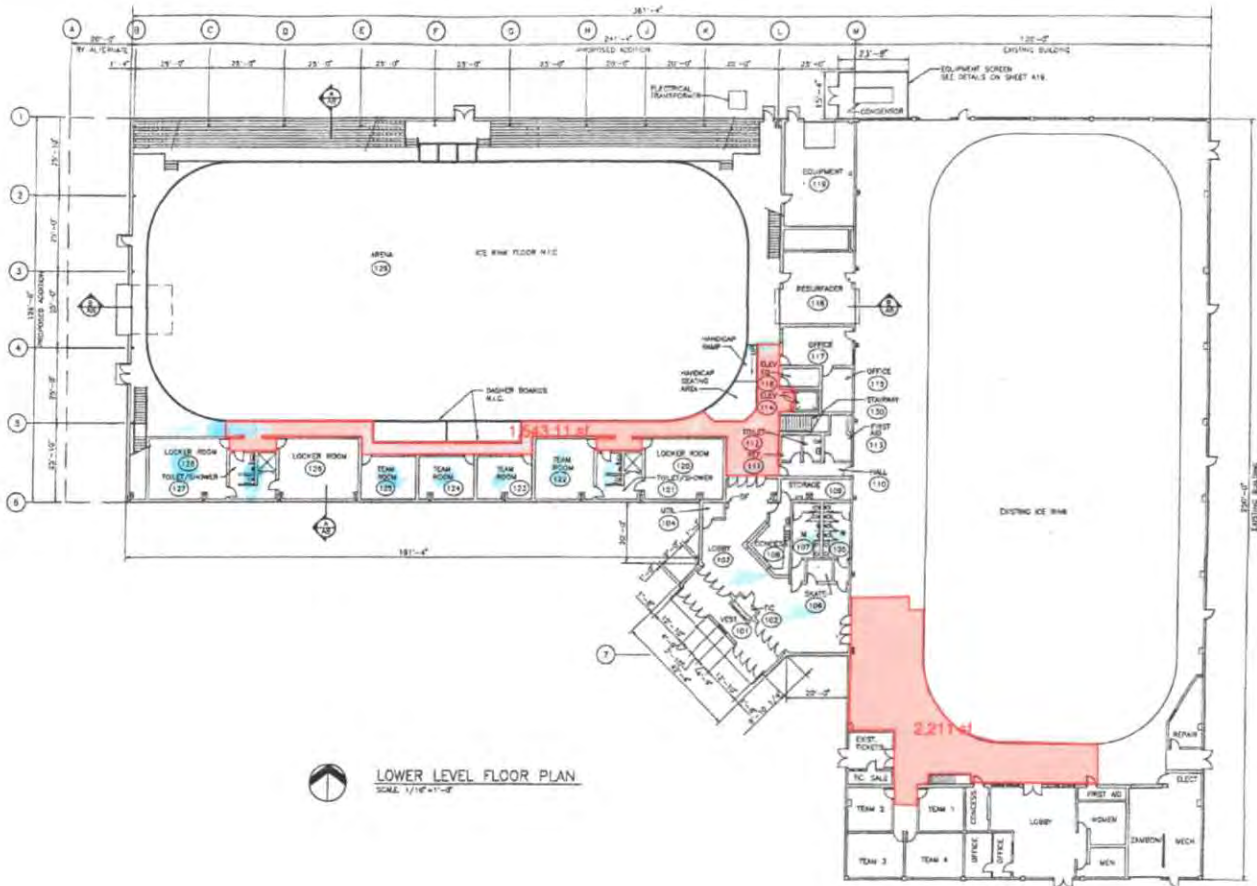




EXHIBIT A SUMMARY OF WORK

New Refrigeration Room Layout:

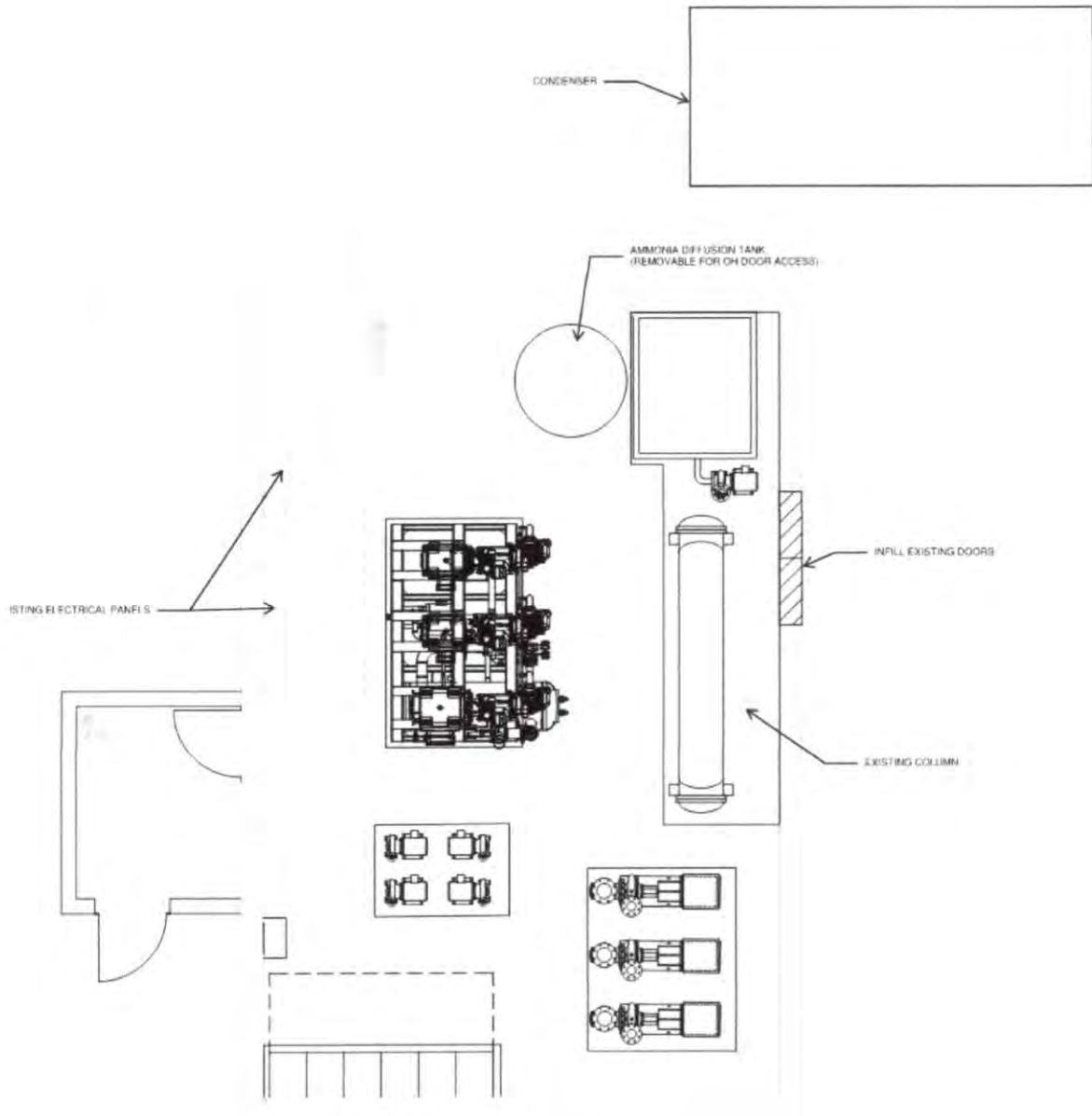




EXHIBIT A SUMMARY OF WORK

Equipment Schedule:

ICE EQUIPMENT SCHEDULE

VESSEL SCHEDULE (INFORMATION BASED ON CHL-CO ₂ VESSELS)																
NO.	CAP (TONS)	NO. PHASES	DIMENSIONS		SHELL		TUBE							REMARKS		
V ¹	NO.	2	24"	156"	NO.	TEMP. IN	TEMP. OUT	TYPE	MATERIAL	FLUID	GRV	TEMP. IN	TEMP. OUT	INCL	PSI	
											NO. S.D.	TEMP.	INCL			
V1	NO. 2	24"	156"	NO.	TEMP. IN	TEMP. OUT	TYPE	MATERIAL	FLUID	GRV	NO. S.D.	TEMP.	INCL			1% EXCESS

WASTE HEAT EXCHANGERS														
NO.	DESCRIPTION	MANUF.	MODEL	CAP (MBH)	HOT SIDE		COLD SIDE		FLUID		TEMP. IN	TEMP. OUT	PSI	REMARKS
H1	HEAT RECOVERY	CHL-CO ₂	CA-8812A-210	460	REF	COND. TEMP.	FLUID	GRV	TEMP. IN	TEMP. OUT	PSI	MAX.		
H1	HEAT RECOVERY	CHL-CO ₂	CA-8812A-210	460	REF	COND. TEMP.	FLUID	GRV	TEMP. IN	TEMP. OUT	PSI	MAX.		

HEAT EXCHANGERS														
NO.	DESCRIPTION	MANUF.	MODEL	CAP (MBH)	COLD SIDE		HOT SIDE		FLUID		TEMP. IN	TEMP. OUT	PSI	REMARKS
H1	HEAT RECOVERY	CHL-CO ₂	CA-8812A-210	460	REF	COND. TEMP.	FLUID	GRV	TEMP. IN	TEMP. OUT	PSI	MAX.		
H1	HEAT RECOVERY	CHL-CO ₂	CA-8812A-210	460	REF	COND. TEMP.	FLUID	GRV	TEMP. IN	TEMP. OUT	PSI	MAX.		

COMPRESSORS																	
NO.	TYPE	MANUF.	MODEL	REF.	NO. CYL.	CAPACITY (TONS)	RUCTION TEMP.	COND. TEMP.	REF. TEMP.	REF. INCL.	REF. INCL.	REF. INCL.	REF. INCL.	REF. INCL.	REF. INCL.	REF. INCL.	REMARKS
C1	SCREW	BITZER	DBK200H14	BT11	N/A	80	5.7	88.4	100	3000	600/300	400/200	400/200	400/200	400/200	400/200	SCREW COMPRESSOR PACKAGE
C1	SCREW	BITZER	DBK200H14	BT11	N/A	80	5.7	88.4	100	3000	600/300	400/200	400/200	400/200	400/200	400/200	SCREW COMPRESSOR PACKAGE

CONDENSER													
NO.	TYPE	MANUF.	MODEL	REF.	THRU (MM)	EVAP. TEMP.	COND. TEMP.	WET. BLUR.	FAN HP	FAN RPM	WIND	FAN VFD	REMARKS
C1	EVAP.	SEC.	PG. 009	8-171	5.176	5.4	88.4	78	35	1000	400/200	YES	PROVIDE BY CONTRACTOR
C1	EVAP.	SEC.	PG. 009	8-171	5.176	5.4	88.4	78	35	1000	400/200	YES	PROVIDE BY CONTRACTOR

PUMP SCHEDULE													
NO.	DESCRIPTION	MANUF.	MODEL	FLUID	GRV	TDH (FT)	WATER	RPM	WPHV	WHP	EFF.	REMARKS	
P1	REF. PUMP	BELL & HOWELL	4-1500-800	30% K.O.	1500	71	25	1750	400/200	87%		PROVIDE VFD	
P1	REF. PUMP	BELL & HOWELL	4-1500-800	30% K.O.	1500	71	25	1750	400/200	87%		PROVIDE VFD	

EXPANSION, COMPRESSION AND OTHER TANKS													
NO.	DESCRIPTION	MANUF.	CAP (GAL.)	SIZE	ACCESSORIES		REMARKS						
T1	ICE MANGA	BELL & HOWELL	100		TANK FITTING	SITE GLASS							
T1	ICE MANGA	BELL & HOWELL	100		APTL	YES	W/ST						

TOTAL CONNECTED HORSEPOWER	405 HP
TOTAL BACK-UP CONNECTED HORSEPOWER	26 HP

NOTE: APPROVED MANUFACTURERS AS LISTED OR APPROVED EQUAL IN ACCORDANCE WITH THE SPECIFICATIONS



EXHIBIT A SUMMARY OF WORK

Dehumidification Work:

- (1) CDI Model DH-160 Packaged Desiccant Dehumidification Unit as Follows
 - 2" Double wall insulated weatherproof construction for outdoor slab mounting location
 - 460/3 phase electrical service with single point power supply and service disconnect
 - 2 PSIG gas service design
 - 2" thick-30% pleated filters with gauge indicators for reactivation & process airstreams
 - 400 mm advanced silica gel desiccant wheel with all stainless steel cassette
 - Double lip Viton rotor air seal system
 - Rotation detector and chain-drive purge reactivation configuration
 - Direct-fired reactivation system w/ CRRC micro-processor reactivation rate controller
 - Graphic diagnostic annunciator panel (unit mounted/wired)
 - Remote user interface panel
 - Room dew-point transmitter with display and remote user interface
 - "CTR" Outdoor ventilation air package with hood, bird-screen and damper
 - User selectable modes of 0%, 20%, or 100% emergency purge
 - Push button purge for fixed rime resurfacer operation ventilation
 - Space sensors for CO/NO2 and CO2
 - Supply fan variable-frequency drive
 - Direct drive process fan with premium E motor and shaft grounding
 - Direct drive reactivation fan with TEFC motor and operating controls
 - Motor starters with interlocks and safety circuits
 - Rated for 193 lbs./hour removal at 50°F and 60% RH entering
- Includes factory start-up and first year labor warranty by CDI and/or SVL
- Includes power wiring and gas piping connections
- The existing dehumidification unit will be demolished and removed from the site
- New steel unit support structure, existing unit support structure to be demolished and removed
- New transitional ductwork will be installed from the new unit to the existing through wall opening
- Includes temperature controls
 - Rink 1 and 2 damper controls (existing dampers and actuators will remain)
 - CO, NO2 (Rink 1 only), CO2 monitoring (both rinks)
 - System will automatically determine which rink needs dehumidification by means of dew point sensors, rink 2 can be user selected to remain unconditioned/disabled
 - BACnet integration to factory provided DHU controls
- ALERTON BAS/Front End (1)
 - System Checkout and Functional Testing
 - Programming/Graphics
 - Owner Training



EXHIBIT B PAYMENTS SCHEDULE

Exhibit B – Payments Schedule

Anoka Ice Arena Estimated Schedule of Payments

Line Item	Total	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Dehumidification Unit	\$ 291,407					\$ 145,704	\$ 145,704					
Refrigeration and Floors	\$ 3,358,338				\$ 343,014	\$ 436,676	\$ 365,246	\$ 365,246	\$ 265,246	\$ 265,246	\$ 243,014	\$ 243,014
Building Modifications	\$ 158,532						\$ 52,844	\$ 52,844	\$ 52,844			
Development/Engineering	\$ 224,481	\$ 95,373	\$ 90,300			\$ 4,851	\$ 4,851	\$ 4,851	\$ 4,851	\$ 4,851	\$ 4,851	\$ 4,851
Subtotal	\$ 4,032,758	\$ 95,373	\$ 90,300	\$ -	\$ 343,014	\$ 587,231	\$ 568,645	\$ 422,941	\$ 322,941	\$ 270,097	\$ 247,865	\$ 247,865

Line Item	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
Dehumidification Unit								
Refrigeration and Floors	\$ 331,636	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000		
Building Modifications								
Development/Engineering	\$ 4,851							
Subtotal	\$ 336,487	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -

Dobson Arena Renovation – Program Update

Vail Town Council July 18, 2023



TOWN OF VAIL

The Vision

Dobson Arena has evolved over the years from a pond, to a pond with stands to an ice/events arena that has seen relatively minor updates over the years.

The Dobson Arena is a key component to the fabric of the Vail Community hosting a rapidly growing sports community anchored by Ice Hockey as well as an event space for key community events since 1976.

The facility is in dire need of an upgrade to bring the Mechanical, Electrical and Plumbing up to code and current sustainable performance requirements

The facility must be able to function well for the next 50 years offering improved access, bathrooms and amenities for patrons and the facility must be upgraded structurally to ensure a responsible lasting update. As well, this plan must consider that the Dobson will serve the community well into the future.

Purpose and Background | History

OUR VISION



Purpose: Develop a Program to renovate and improve Dobson Arena so that it can function efficiently while improving functionality and expanded services for the community

Goals that have Driven our Process:

- Renovations that will have a lasting improvement over time
- Replacing aging systems and infrastructure
- Adding Locker Room capacity to support program and equity among users
- Enhance the user experience
- Enabling future expansion
- Aligning with the Civic Master Plan

Purpose and Background | History

We are here to present the results of our design and programming efforts and obtain permission to advance to the next phase of this project.



Early Steps – Initial Planning for the Project

- The Town hired Populous through a competitive process to develop an initial program study and produce conceptual studies for consideration
- Populous gathered existing and desired program metrics and developed two initial programs
- ME Engineers conducted an initial analysis of the existing mechanical and electrical systems
- Martin/Martin engineers performed a structural analysis confirming the limited roof snow load below today's requirements
- Populous had both plans estimated for review by the Town
- The following early design studies became the catalyst for our final recommendation

DESIGN PROBLEM = **MAXIMIZE CAPACITY**

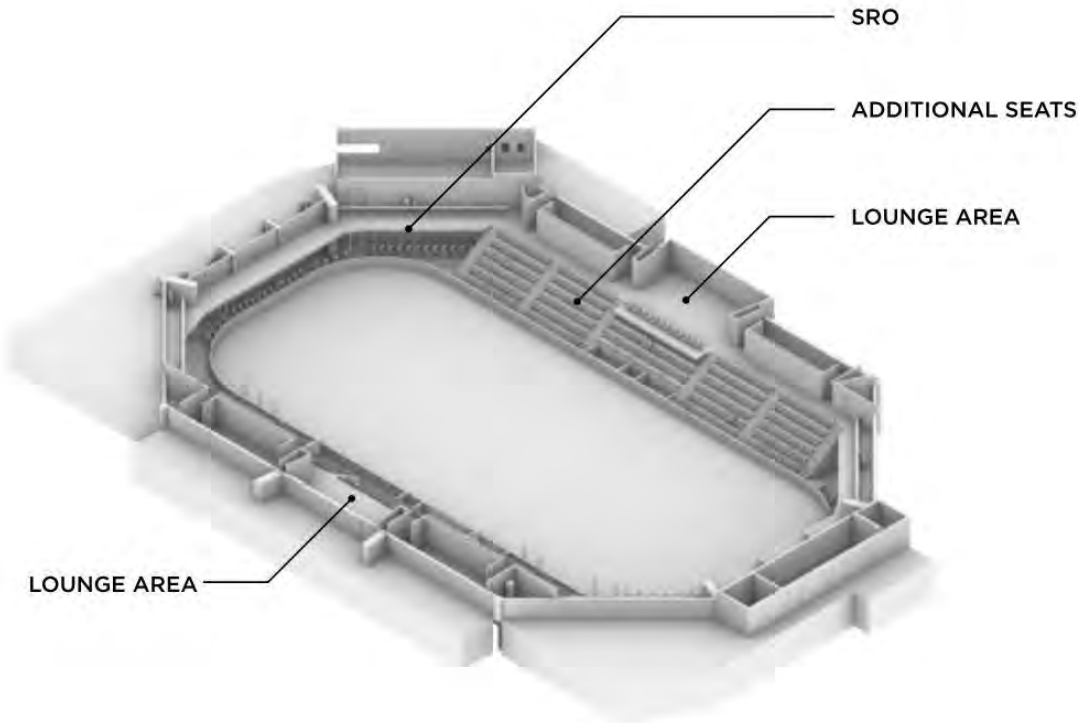
1. FIXED AREA = **EXISTING FOOTPRINT**
2. MORE OCCUPANTS = **MORE FIXTURES TO MEET CODE REQUIREMENTS**
3. MORE FIXTURES = **LESS GSF FOR ADDITIONAL SEATS**
4. LESS SEATING AREA GSF = **RESTRICTED SEATING CAPACITY**

BALANCE OF SEATS, SRO, EGRESS CLEARANCES, AND TOILET FIXTURES

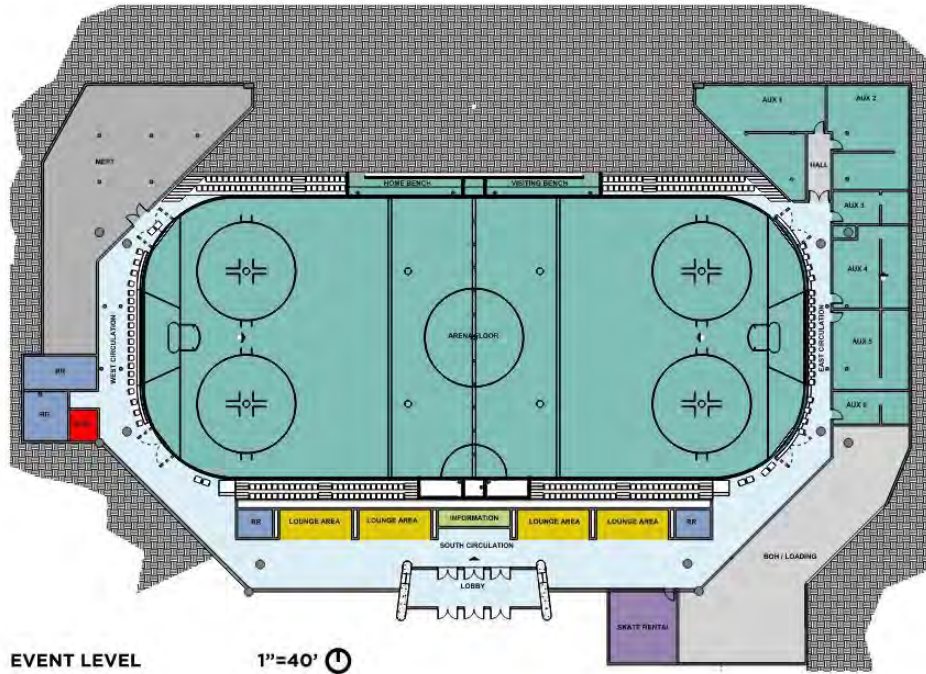
01 /
EARLY DESIGN STUDIES

Base Option Seating Bowl

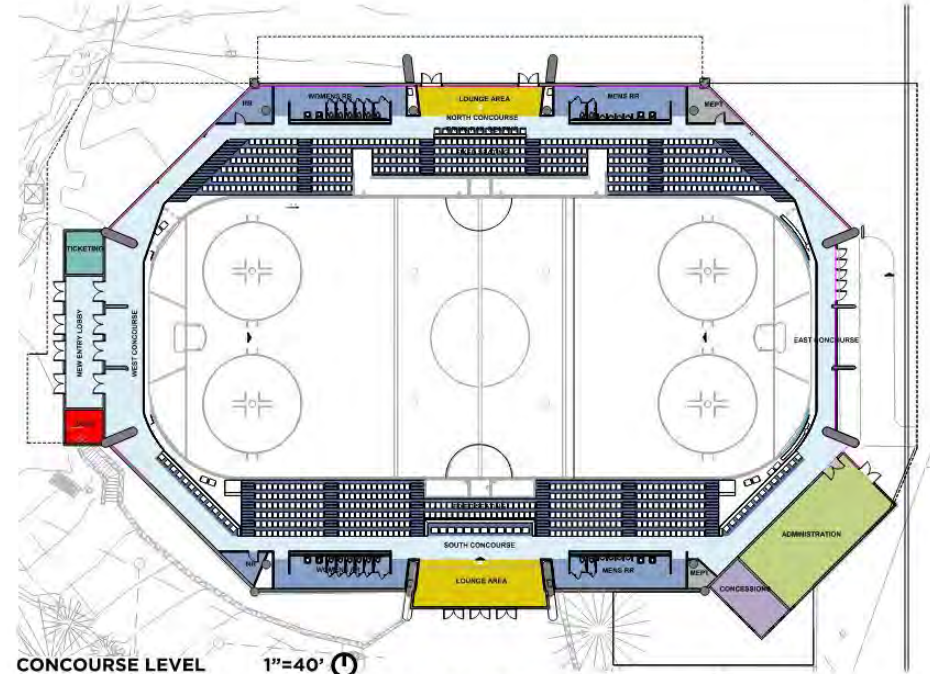
- + GSF: 57,200 GSF
- + Hockey Capacity: 900
- + Concert Capacity: 2,280



Renovations to the **Dobson Ice Arena**



EVENT LEVEL 1"=40' Ⓢ



CONCOURSE LEVEL 1"=40' Ⓢ

BASE OPTION W/ 20" FIXED SEATS

FIXED SEATS:	796
SRO:	0
WHEELCHAIR + COMPANION TOTAL:	24
TOTAL HOCKEY:	820
TOTAL CONCERT (+1,400):	2,220
SEATING AREA:	4,830 SF
CONCOURSE AREA:	6,624 SF
TOILET FIXTURES:	43 (51 PROVIDED)



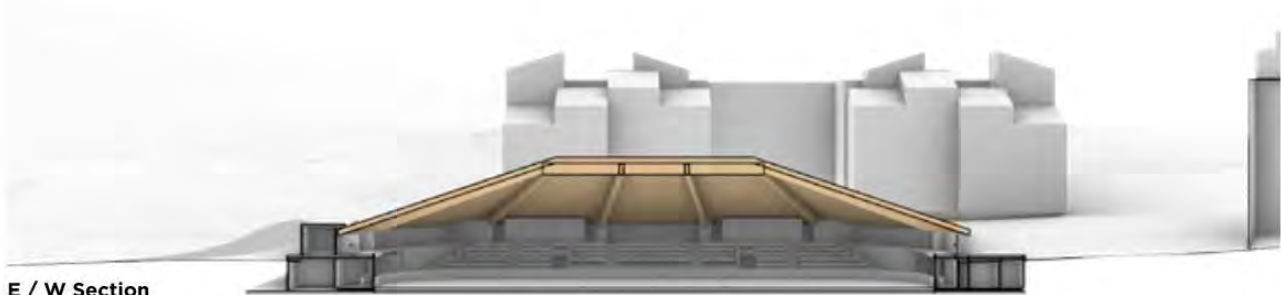
Base Option

+Additional Seating

+Lounge Areas



N / S Section

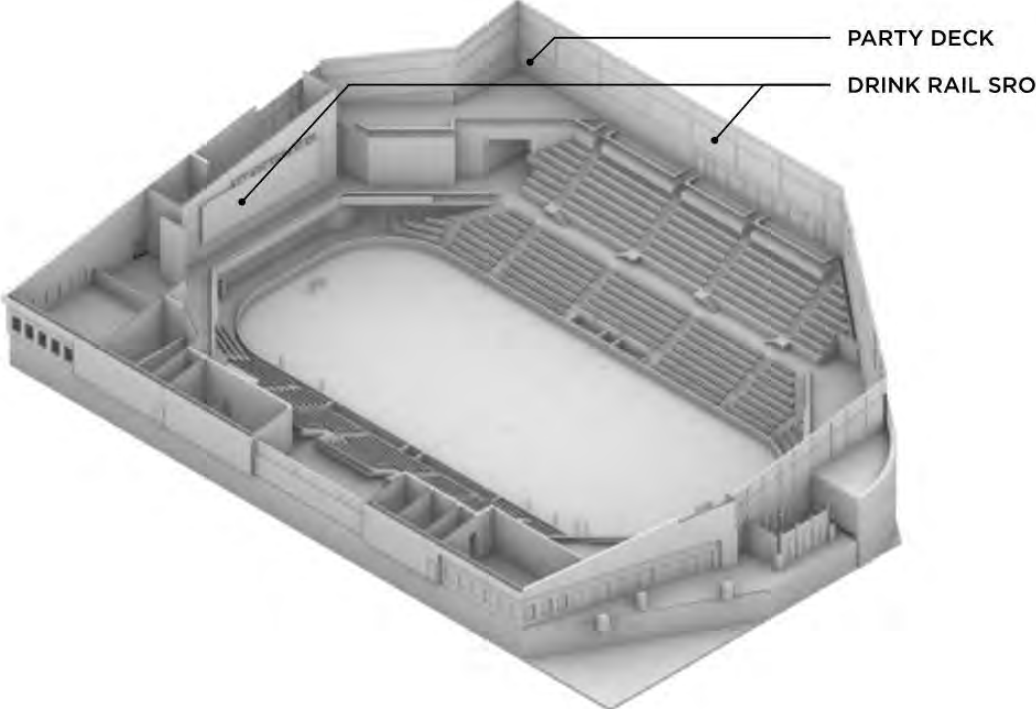


E / W Section

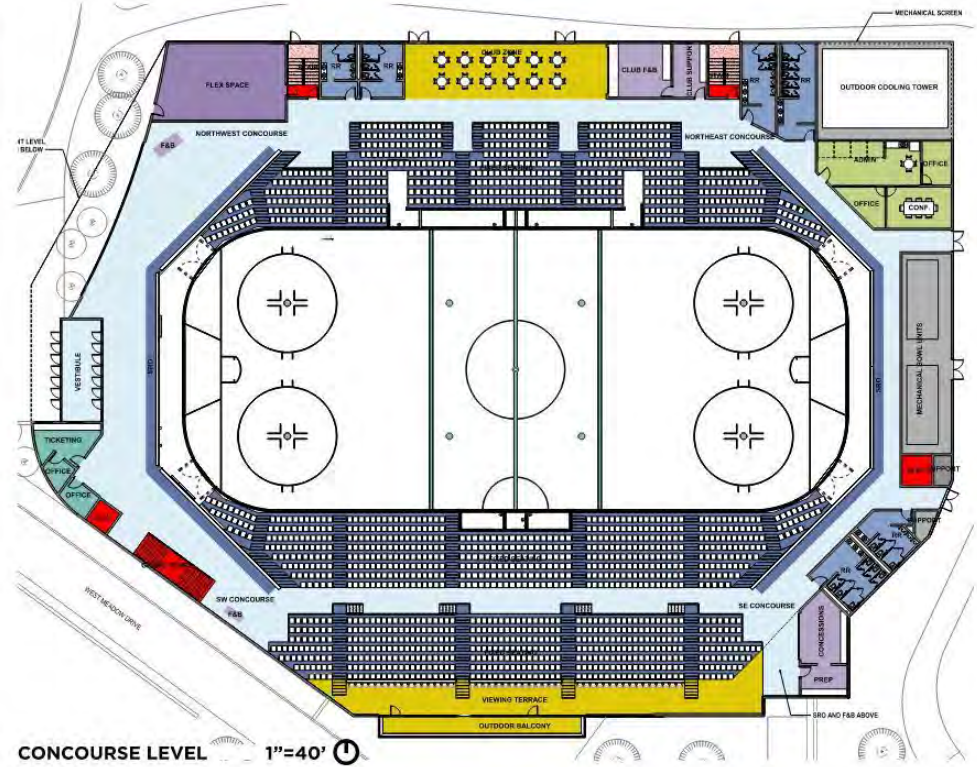
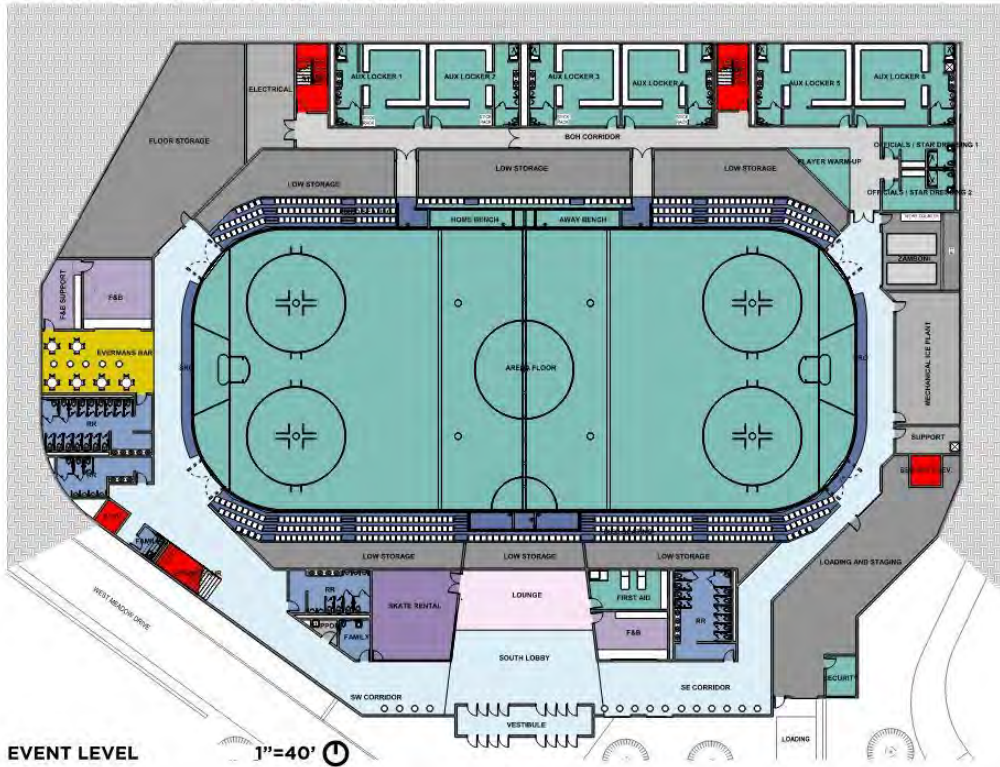


Expansion Option Seating Bowl

- + GSF: 77,600 GSF
- + Hockey Capacity: 1,950
- + Concert Capacity: 3,300



Renovations to the **Dobson Ice Arena**



FIXED SEATS:	1,878
SRO:	167
WHEELCHAIR + COMPANION TOTAL:	38
TOTAL HOCKEY:	2,083
TOTAL CONCERT (+1,400):	3,483
SEATING AREA:	10,735 SF
CONCOURSE AREA:	13,303 SF
TOILET FIXTURES:	64 (72 PROVIDED)

Expansion Option

+ Surrounding Context

- Sun Light
- Roof Height
- Engage West Plaza

+Event Space

- Diffused Lighting
- Visual Connection
- Clearance
- Seating Bowl

+Function

- Roof Slope



N / S Section



E / W Section

Results of our Early Design Studies

- Both options exceeded the \$40M of available funding identified for the project and came in at overall budgets of \$70M and \$90M+
- The Town hired Cumming Management through a competitive process to support evaluation and development of the program.
- The initial concept study provided a baseline of ideas to build from

The team went back to the drawing board and developed the following goals:

- Further refine base program top priorities: Lifesafety upgrades, structural code upgrades, replacement of end-of-life MEP, locker rooms, improved egress
- Charette with core team (Owner, Operator, Architect, Program Manager) to revise program to fit the budget
- Refine design and revise estimates based on refined project Program budget and program plan
- July 18th, 2023 for presentation to Town Council

Dobson Arena Update | July 18, 2023

The team was asked, 'What could we do if we were given a bigger budget'

If we had more than \$40M, we could:

1. Upgrade the ice and ice equipment
2. Enhance entrances and improve circulation
3. Enhance the roof or build a new roof
4. Enhance seating
5. Add rigging for performances
6. Enhance the exterior skin and pedestrian pathways

Determined at the charette to increase the program budget to include as much of these desired program elements as possible

01 /
RECOMMENDED OPTION

RECOMMENDED OPTION: **NEW ROOF**

KEY DESIGN FEATURES

1. NEW ROOF OVER EXISTING BUILDING PERIMETER
 2. NEW MECHANICAL ELECTRICAL PLUMBING SYSTEMS
 3. CREATE 6 NEW LOCKEROOMS + 2 OFFICIALS LOCKERS
 4. ENHANCE SURROUNDING SITE
 5. ADD ADDITIONAL RESTROOM CAPACITY TO MEET CODE
 6. NEW WEST + SOUTH ENTRANCES
 7. ADD NEW SOUTH FIXED SEATING
 8. REPLACE ICE PLANT AND ICE FLOOR SYSTEMS
 9. NEW AMMENITY SPACES FOR FLEX USE
-

Renovations to the **Dobson Ice Arena**

**EVENT CAPACITY
(GIVEN NUMBERS)**



FIXED SEATS	680
SRO	*760
DRINK RAIL SEAT	0
FLOOR SEATS (CONCERTS)	1,400
WHEEL CHAIR AND COMPANION	0 (16 NEEDED)
TOTAL HOCKEY SEATING	*1,440
TOTAL CONCERT SEATING	*2,840
TOILET FIXTURES NEEDED	55 (22 PROVIDED)

**EVENT CAPACITY
RECOMMENDED OPTION**

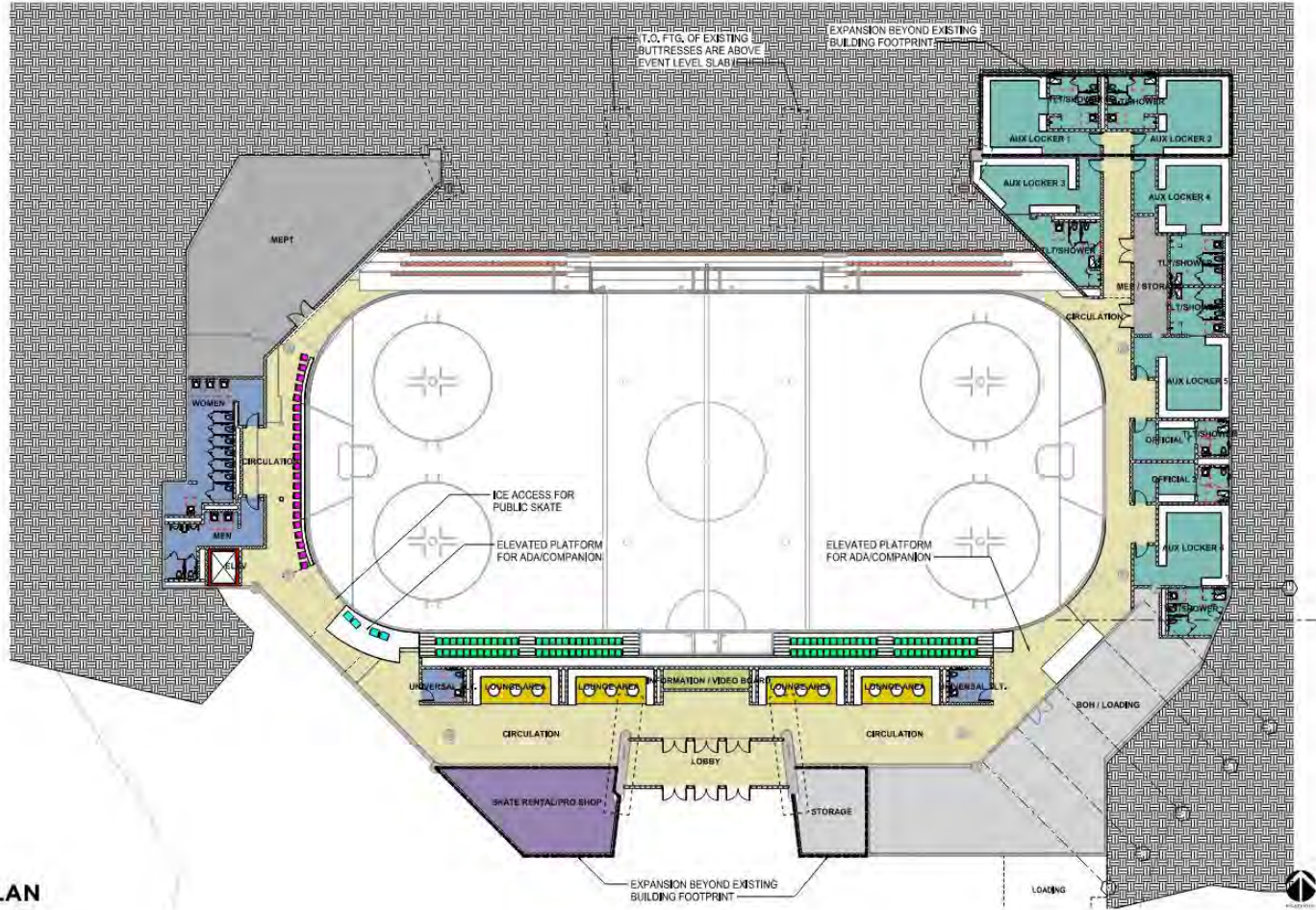


	1,012
	60
	39
	1,509
	20
	1,131
	2,640
TOILET FIXTURES NEEDED	51 (51 PROVIDED)

***AS PERMITTED BY AHJ**

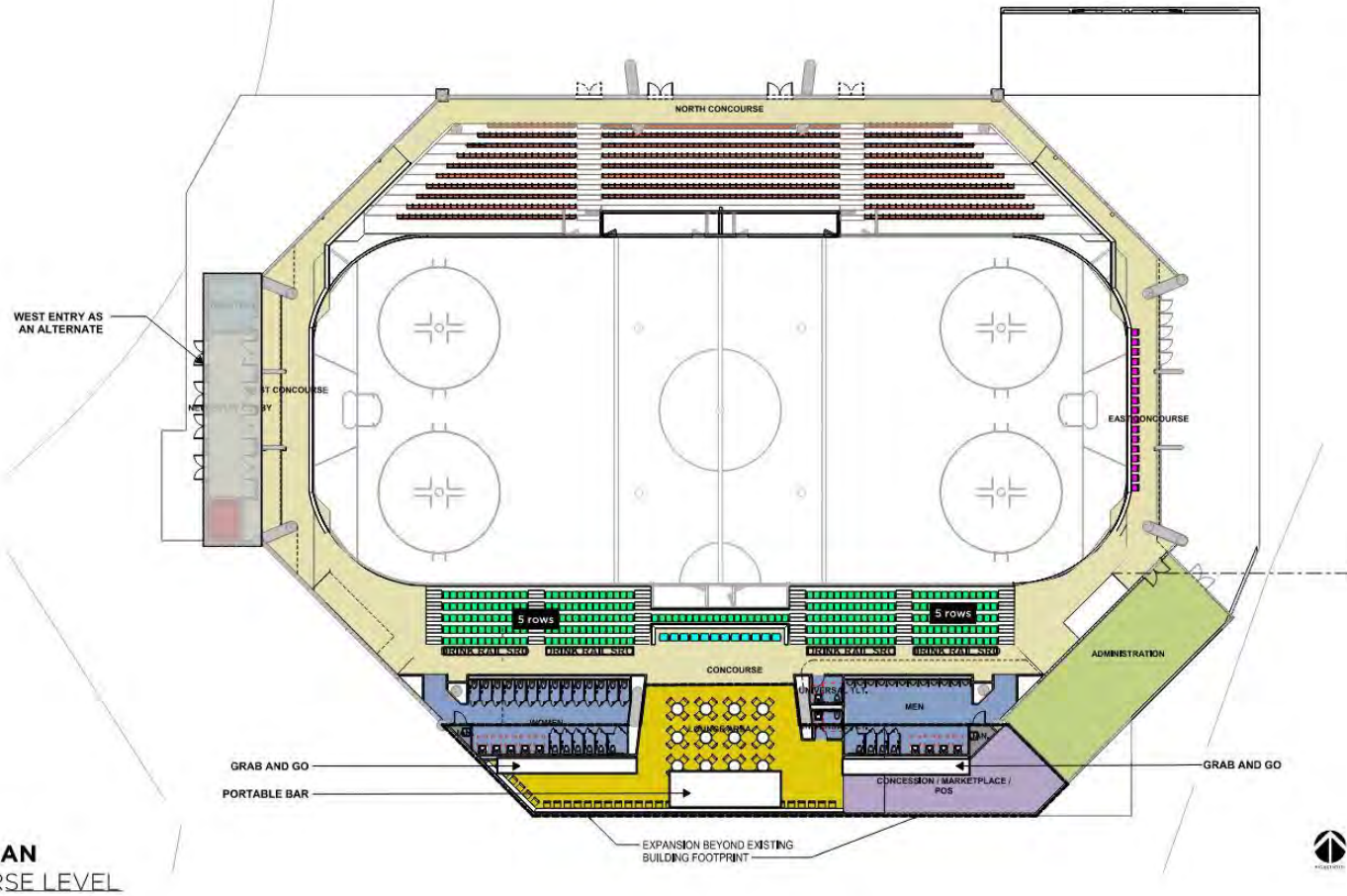


Renovations to the **Dobson Ice Arena**



FLOOR PLAN
EVENT LEVEL

Renovations to the **Dobson Ice Arena**



FLOOR PLAN
CONCOURSE LEVEL

02 /

Roof Study

Recommended Option

Renovations to the **Dobson Ice Arena**



Town of Vail Dobson Ice Arena Renovations // July 11, 2023

POPULOUS



Renovations to the **Dobson Ice Arena**



ICCU ARENA
UNIVERSITY OF IDAHO

Town of Vail Dobson Ice Arena Renovations // July 11, 2023

POPULOUS



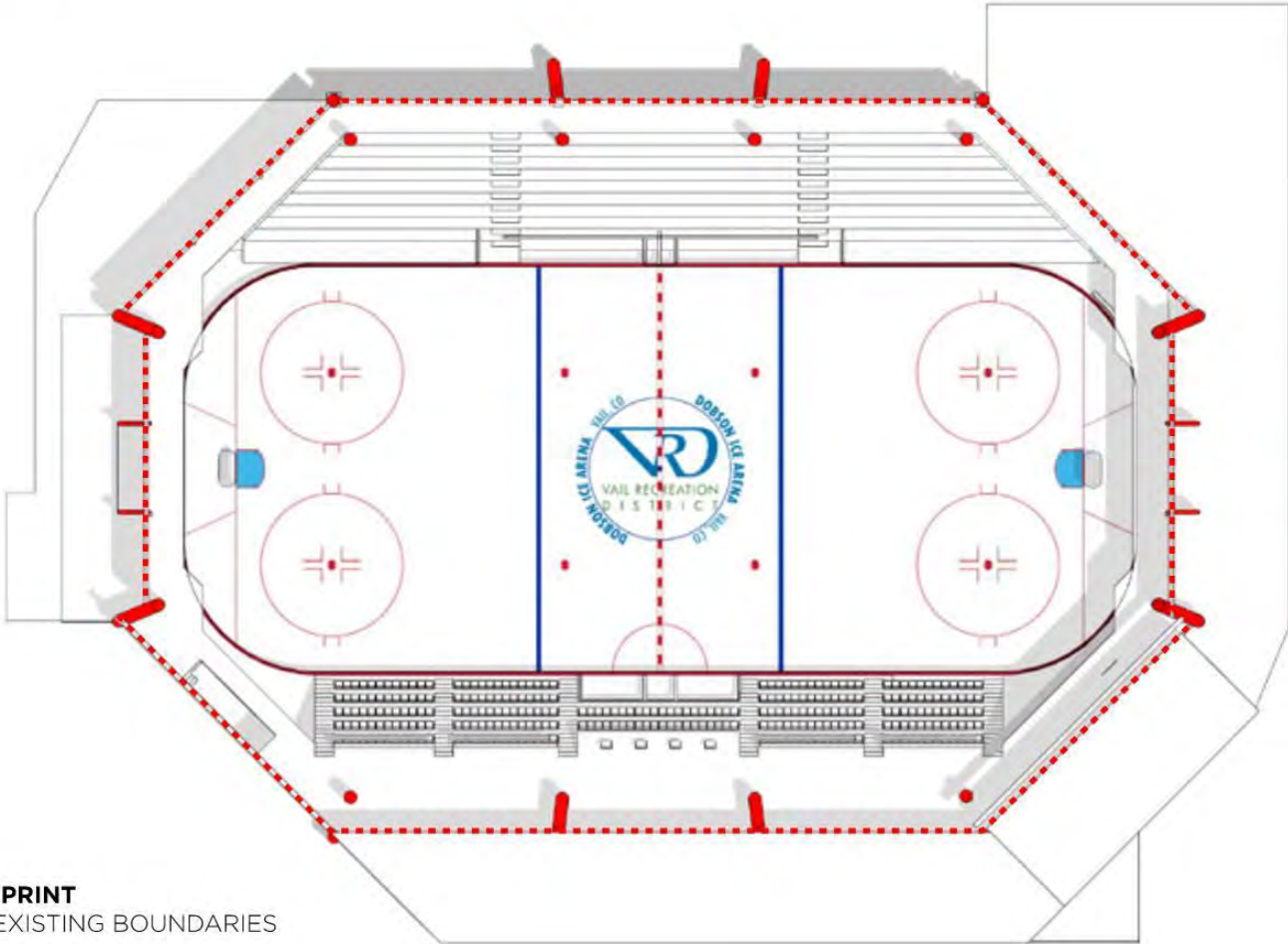
Renovations to the **Dobson Ice Arena**



HOBAY BAKER MEMORIAL RINK
PRINCETON UNIVERSITY ARENA

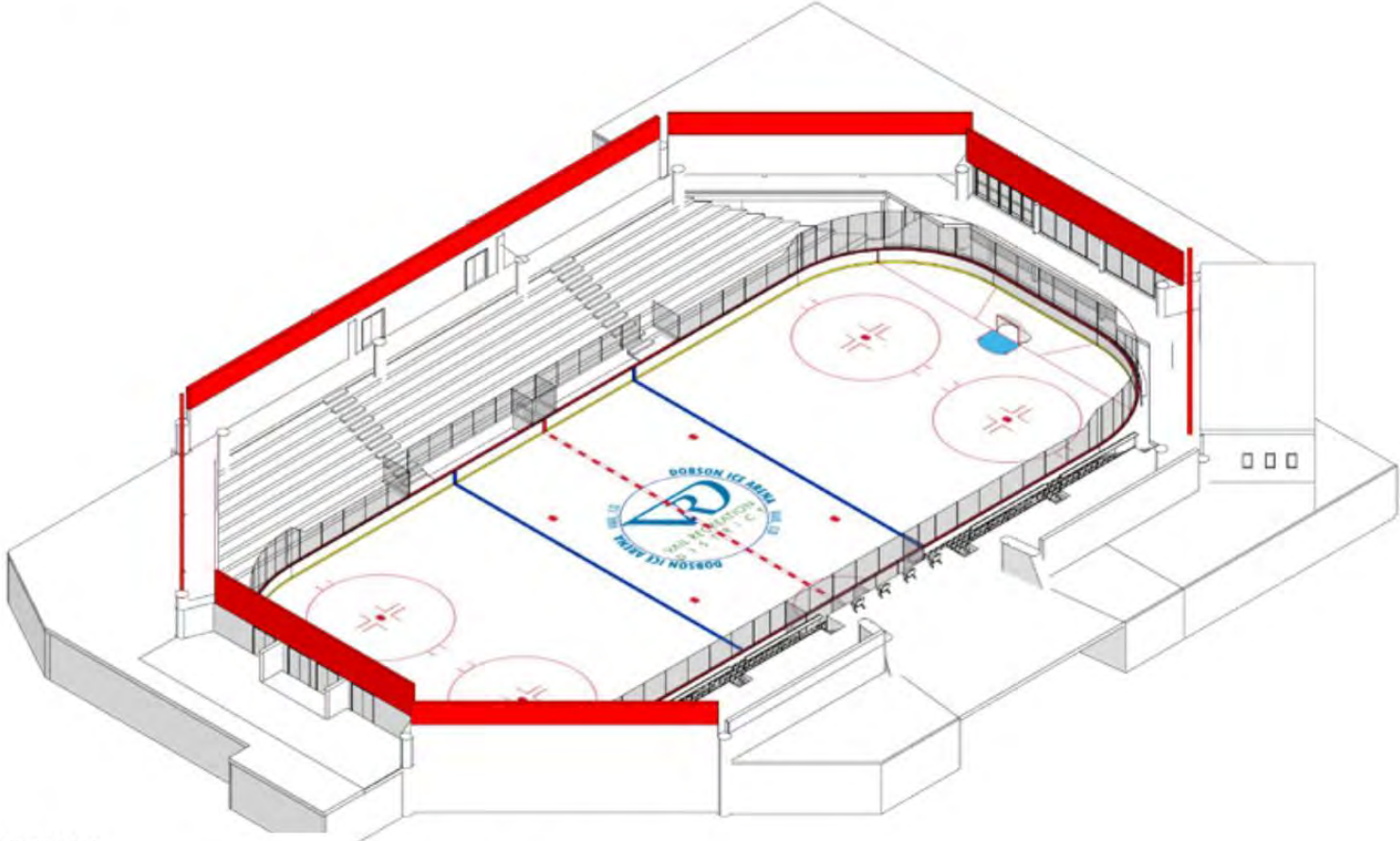


Renovations to the **Dobson Ice Arena**



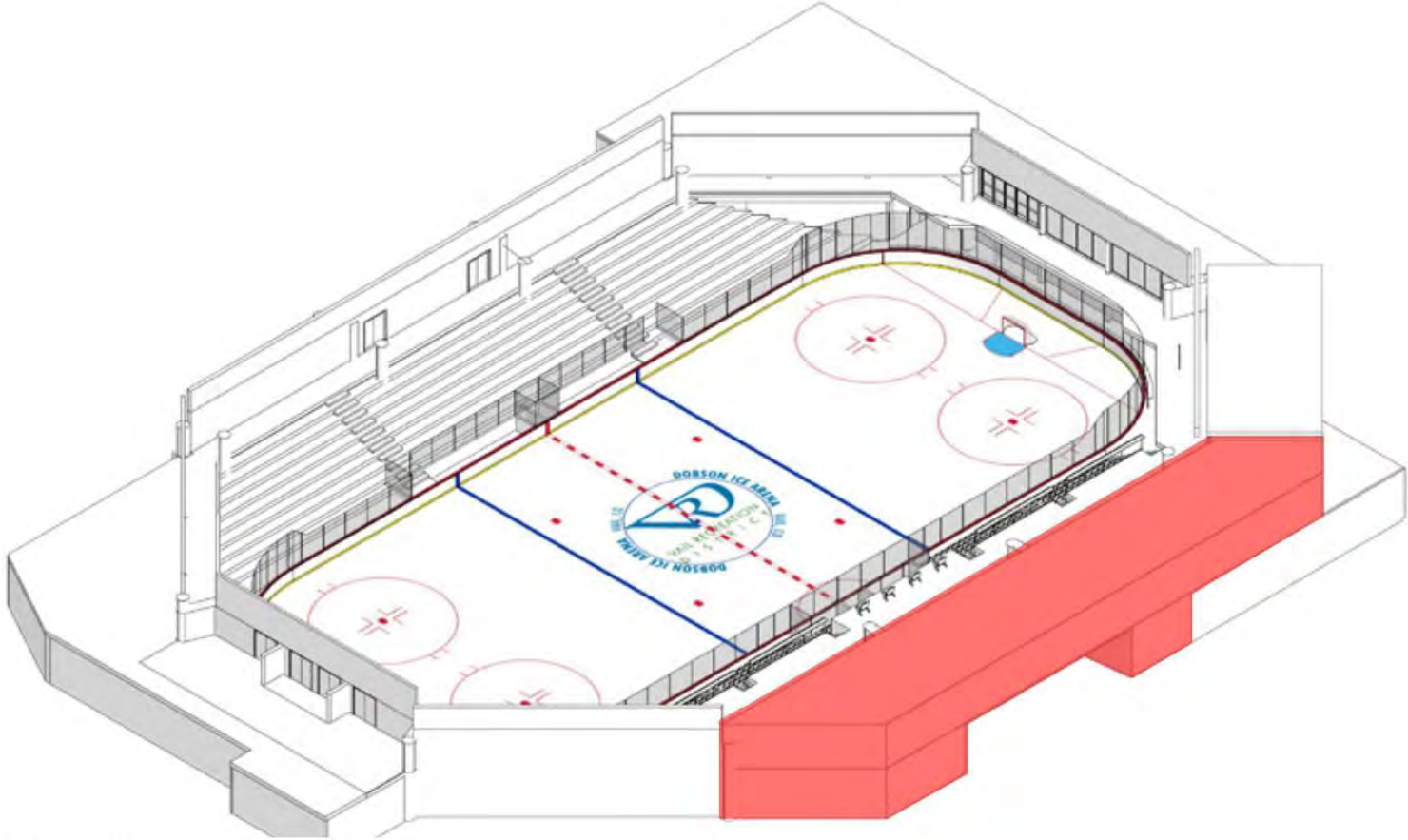
EXISTING FOOTPRINT
WORK WITHIN EXISTING BOUNDARIES

Renovations to the **Dobson Ice Arena**



ADDITIONAL WALL
NEEDED TO ACHIEVE 15 FT MIN TO BOTTOM OF ROOF DECK

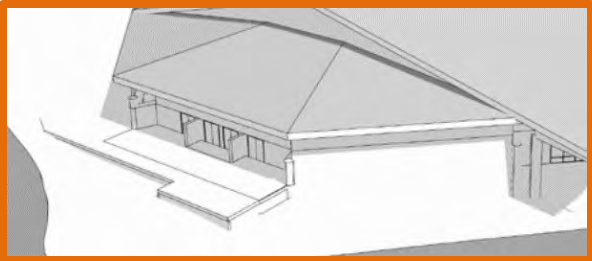
Renovations to the **Dobson Ice Arena**



ADDITIONAL PROGRAM
PREMIUM LOUNGE TO THE SOUTH



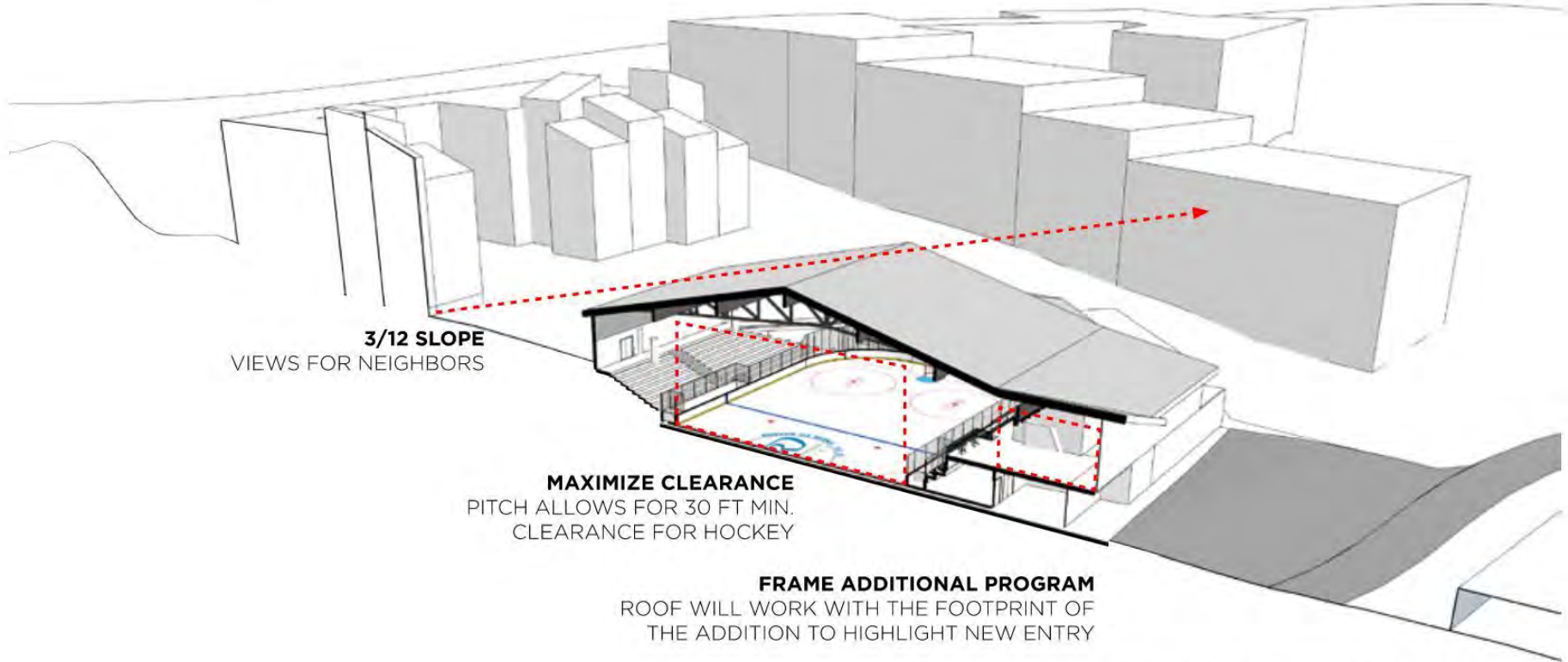
Roof shape options
continue to be developed



NEW ROOF
UTILIZES EXISTING AND ADDITIONAL ELEMENTS



Renovations to the **Dobson Ice Arena**



3/12 SLOPE
VIEWS FOR NEIGHBORS

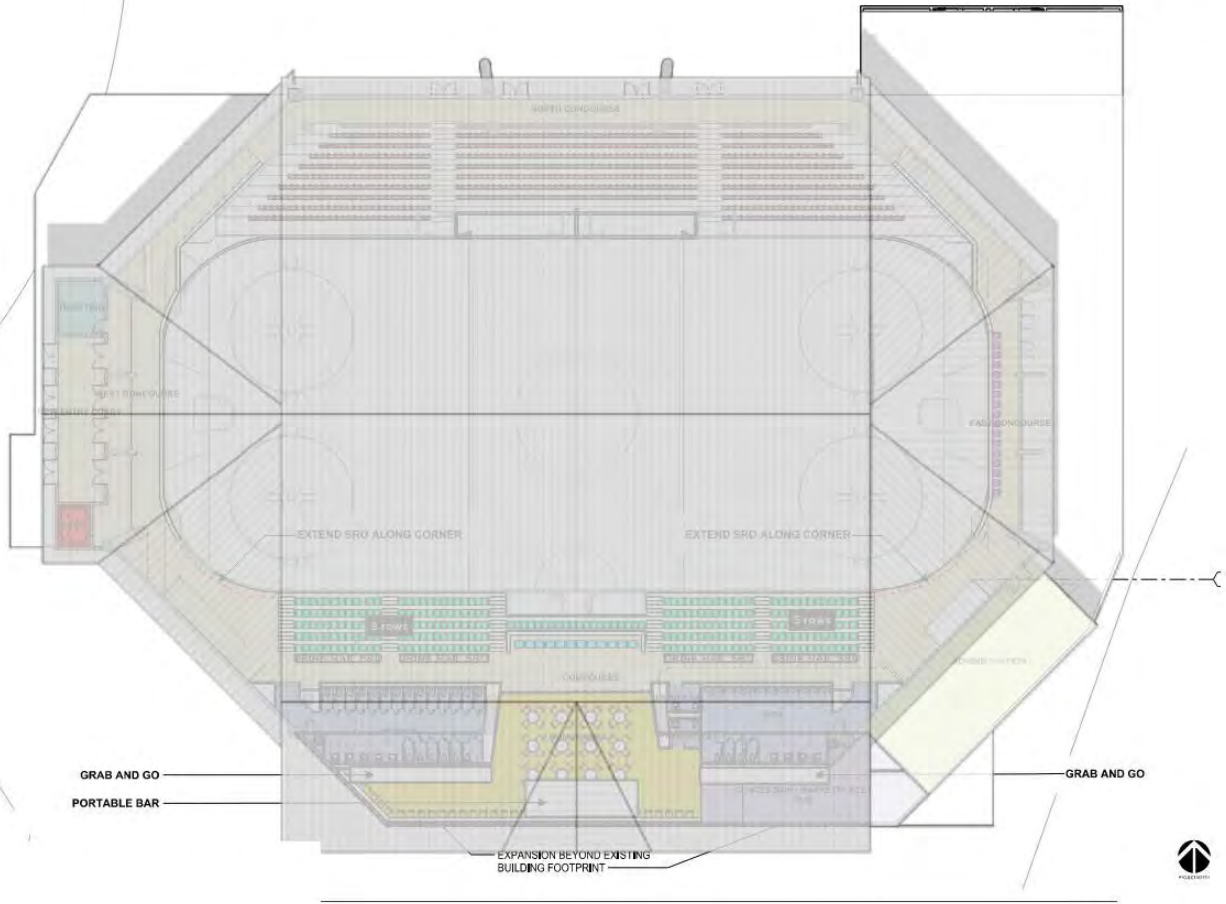
MAXIMIZE CLEARANCE
PITCH ALLOWS FOR 30 FT MIN.
CLEARANCE FOR HOCKEY

FRAME ADDITIONAL PROGRAM
ROOF WILL WORK WITH THE FOOTPRINT OF
THE ADDITION TO HIGHLIGHT NEW ENTRY

MINIMIZE ELEVATION AREA
SOUTH ELEVATION IS DOUBLE THE
HEIGHT. ROOF SLOPE WILL HELP
CONCEAL THE AMOUNT OF AREA



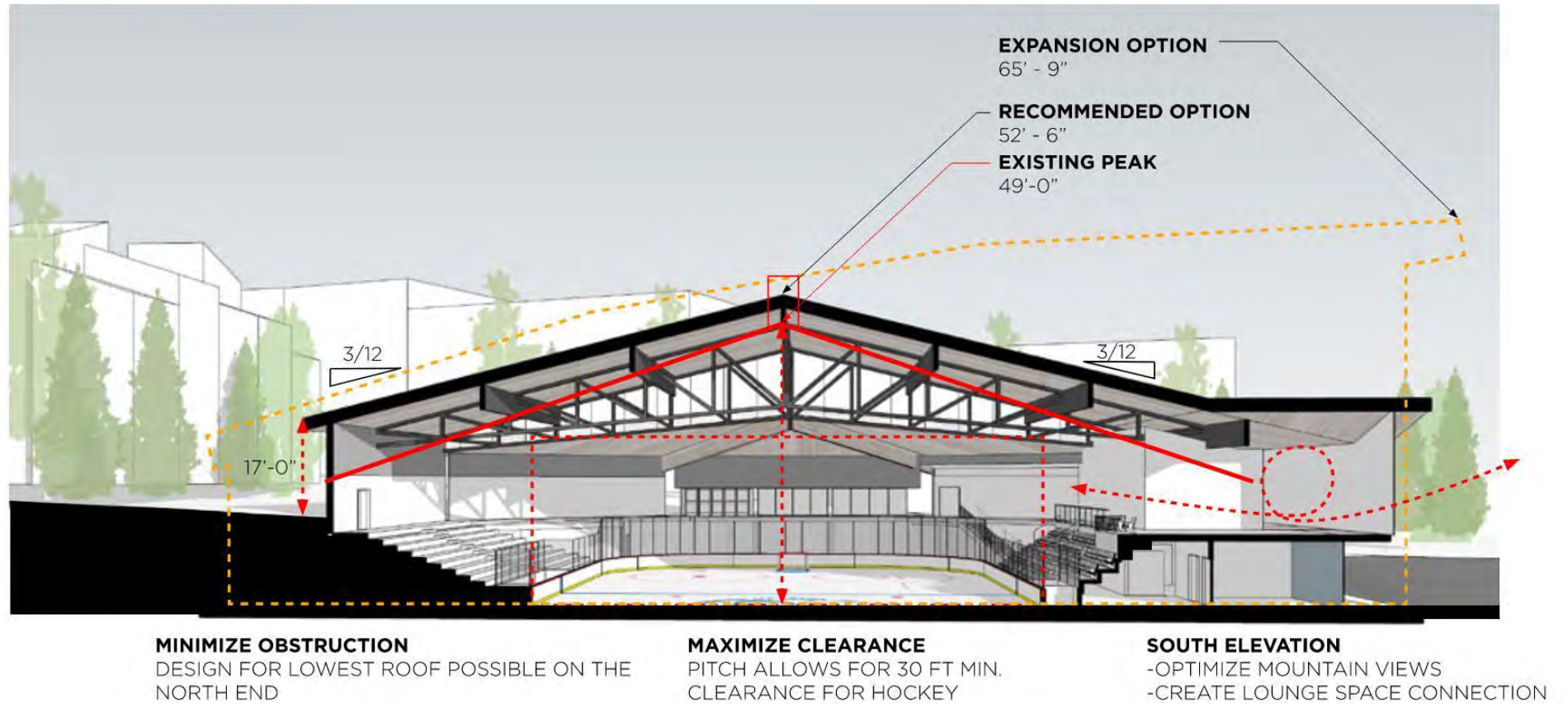
Renovations to the **Dobson Ice Arena**



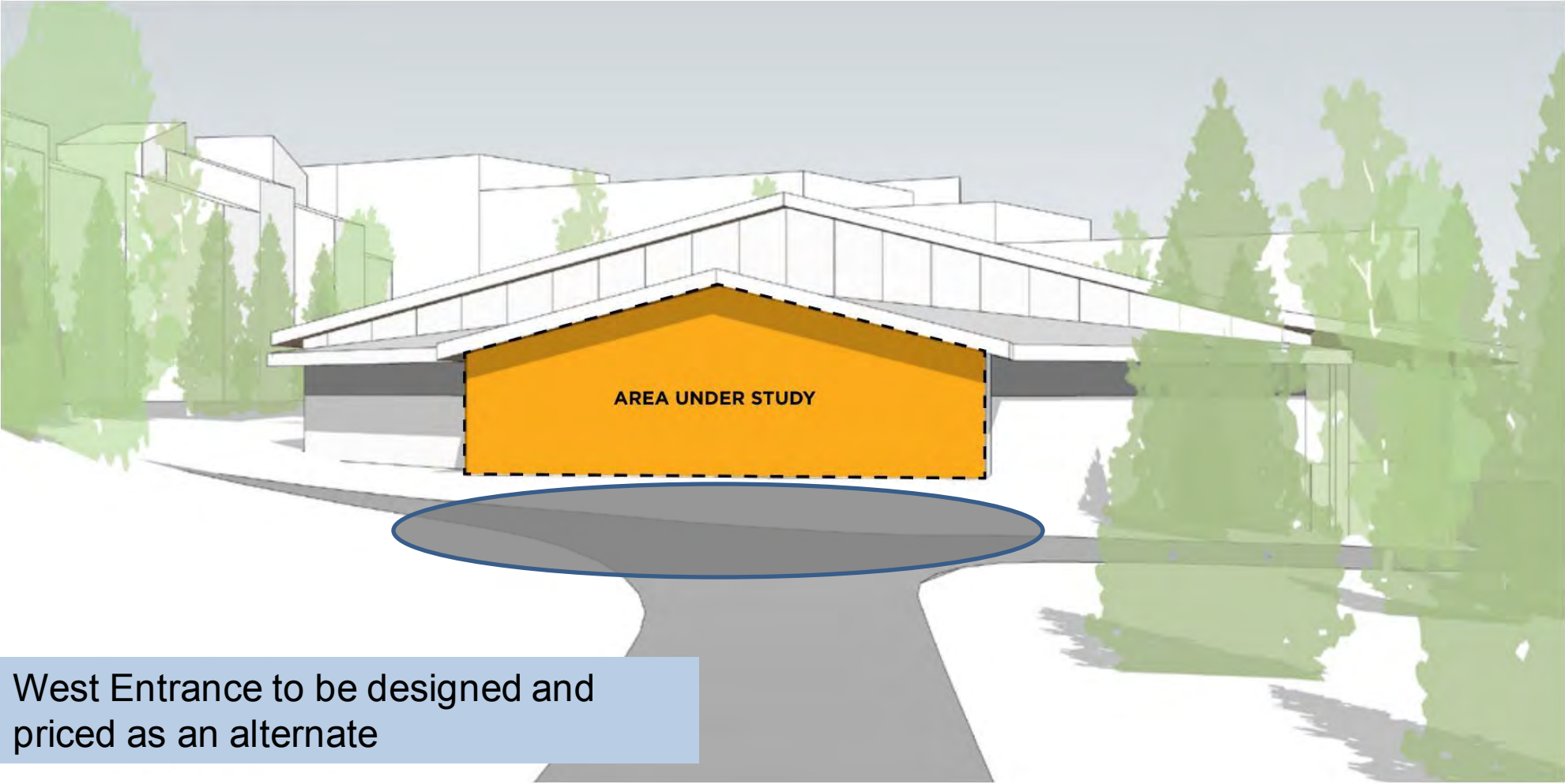
ROOF PLAN
OVERLAY



Renovations to the **Dobson Ice Arena**



Renovations to the **Dobson Ice Arena**



West Entrance to be designed and priced as an alternate

Results of our recent Team's effort's:

Our budget has been increased to \$52M

The program now includes:

- A new roof
- New south seating and entrance
- Code required bathrooms
- Equitable locker room layout
- New ice and rink equipment
- MEP updates throughout
- Site improvements
- Escalation to award carried through late 2024, with construction beginning Spring of 2025

What is not included in our overall budget:

- West entrance expansion
- North stands remodel
- Special event audio and visual equipment
- Wood ceiling (old wood structure to be re-used to extent structurally allowable)
- Scoreboards – benefactor opportunity!

Funding identified to meet the \$52 million budget:

- Revised estimate of Vail Reinvestment Authority District Funds projected to the end of the Tax Increment District timeline. **\$45M**
- Vail Recreation District Funding the Ice Replacement Current estimate is at \$6M. VRD board at this time has not had time to discuss a commitment to a funding level. Originally anticipated closer to **\$5M**.
- Approximate Funds in the current 5-year Real Estate Tax budget dedicated for Dobson **\$1M**
- Additional funds from the General fund reserves to as a contribution to a temporary sheet of ice. **\$1M**

We recommend and seek approval to move to the next phase of design for Dobson based on this programmatic plan and budget.

Next steps include:

1. Finding a way to expand the West Entrance
2. Schematic design phase and pricing feedback
3. Further defining sustainability funding opportunities through available grants for the whole building
4. Defining and awarding design services
5. Development of plan to select Builder
6. Program budget, design and schedule verification prior to entitlements
7. Entitlement process

What is being asked of the Town Council at this time,

Approval of the Project Scope and elements included in the design

Approval of the Project budget of \$52M

Approval of the Project Funding sources

- \$45M Vail Reinvestment Authority Funds
- \$5-6M Vail Recreation District Funding for replacement of the complete ice system
- \$1-2M Real Estate Transfer Tax Funds/General Funds

Present a design contract award for Populous at the August 1, 2023 Town Council meeting

Renovations to the **Dobson Ice Arena**



Town of Vail Dobson Ice Arena Renovations // July 11, 2023

POPULOUS

Questions?



VAIL RECREATION DISTRICT DIRECTOR REPORTS

June 22, 2023

MARKETING

- We are working on a new marketing piece for the fall – a brochure showcasing our youth school year programming; this will be available in both print and digital formats. This a result of feedback from our departments stating that the winter brochure comes out too late in the year considering many of their main programs start in the fall, so we are hopeful this brochure will help fill in that gap.
- We created collateral for and helped promote two new sports events, the Over-The-Line Tournament, and the Home Run Derby.
- Lexi Timm has been creating fun social media videos to promote the mountain bike and trail running series. Her video for the Dynafit Vail HillClimb race was played by over 7,000 accounts.
- We continue our regular output of race emails, one press release and one racer details email for each race.
- Marketing continues to be a presence at all of the races, taking photos and getting content for social media. We've also been capturing footage at sports camps, day camps and adult leagues.
- We would like to thank Ryan Sederquist at the Vail Daily, who has been writing some great human-interest stories from several of our races.
- We have been helping the Vail Golf Club promote several events including demo and fitting days, the junior club championship and the junior 9-hole events.
- Check out Avid Golfer – great feature in the newest issue about women golfers in Colorado, starting with Alice Plain, as well as a feature and full-page ad for the Vail Golf Club. We have ads on the Avid Golfer digital platforms as well.
- We continue to plan the BB&B charity golf tournament, taking place on Sept. 14.
- We helped the F&B team with some 10% off cards to hand out to concierges, to encourage visitors to come check out the Grill on the Gore. We also updated the corporate brochure flier for the Vail Golf & Nordic Clubhouse, which was delivered to concierges.
- We are helping to create some new signage for the zero-waste program at Dobson Arena.
- We have been utilizing a new text messaging software, Pidj, that is integrated with Amilia and allows us to send text messages quickly and easily to our registered activity participants for important and time-sensitive reminders/updates they may not see in their email.
- We continue to promote, via print and digital mediums, the steady stream of summer VRD offerings/events including golf, tennis, pickleball, sports events and races, adult leagues and activities, youth programs/camps and much more!
- We are already working materials for the fall including info about School's Out and After-School Camps, fall soccer, Mighty Marmot Trail Races and more.

SPORTS

- Adult Sports:
 - Summer and Fall Leagues
 - Softball Leagues are in full swing with 24 teams playing on 3 nights.
 - The VRD crowned the inaugural Home Run Derby champ. Congrats to Tim Ryan and all the participants. Kudos to Tim LyBarger, for

introducing some new softball programming over the Lax tournament break.

- Summer co-ed 8v8 has a tight race to the top with teams fighting for their playoff seeding. Fall League will kick off the Monday after Labor Day with an expected full league.
 - We had enough interest in Summer Sand Volleyball to have both a 4's recreational and competitive league.
 - Cornhole has also started with 10 teams.
 - Registration should open soon for Fall Volleyball and Flag Football.
- Events and Races:
 - Cycle Effect has approached us to help them produce a Fall Bike Festival, we will let you know what materializes from these talks.
 - The Town Mountain Bike Series has completed five races Eagle Ranch Classic, Davos Dash, Son of Middle Enduro, Minturn Mini Kids only race, and Beaver Creek. The numbers have been good, and the series has a good vibe with lots of happy participants. We even have a few new teams this year competing for the coveted Golden Wheel. We have crowned the champions of the AC/DC race within the series for the best combined time for Davos and Son of Middle Enduro.
 - The Dynafit Trail Running Series completed four of seven races in the series the Boneyard Boogie, Summer Solstice, Hill Climb and the 10K at 10,000 feet. Numbers have been up and down: the Summer Solstice was down significantly due to the pouring rain; the Hill Climb was down we think because of Tuesday 4th of July and the Boneyard Boogie and 10K @10,000 feet were up significantly.
 - We timed the Big Horn Gravel race on 6/24/23, nice to see a growing event from another perspective. Jake Wells and Mike Brumbaugh put on a great event that saw the field more than double in the second year.
 - Up next:
 - July 29, Berrypicker Trail Run
 - August 2, Berry Creek Mountain Bike
 - August 16, Camp Hale Mountain Bike
 - August 19, Arrowhead Half Marathon and 5K
 - Plans are well on their way for the fall youth trail running races. We have added an additional event, making 3 races this fall:
 - 9/15 Minturn Mini Course
 - 9/29 Miller Ranch Open Space
 - 10/20 Minturn Maloit Park
 - Kids Adventure Games is fast approaching, August 10-13. Along with helping to produce the race, we will be putting on two ancillary events, the Family Mud Run and Balance Bike Race. We still need lots of volunteers to help with the 4-day event.
 - Summer Tournaments and Sports Camps
 - Summer sports Camps have been extremely busy, and the coaching staff have done a great job keeping the kids engaged. For example, the week of 7/17-21 we had 162 kids in soccer camp at Ford Park, 56 kids in Mini Hawks camp in the stadium at Homestake Peak School, and another 36 kids at Volleyball camp in the gym at Homestake Peak School.
 - Huge thanks to the Vail Racquet Club, Antlers, Evergreen Lodge and Vail Realty for hosting coaches this summer.
 - We look forward to NBA Hall of Famer Sidney Moncrief coming to town next week. He and his staff will be coaching 90 kids in the morning session and another 45-50 in the afternoon session. We will finish off our camp slate the following week with sold out Flag Football and Cheerleading camps.

- Tournaments have gone relatively smoothly with King of the Mountain, Vail Lacrosse Tournament and Vail Lacrosse Shootout all finishing up. Big thanks to Justin and the park's crew for keeping the facilities in top notch playability and dealing with demanding producers.
- The 52nd annual Fred Ammer Vail Invitational Soccer Tournament which we co-produce with the Vail Valley Soccer Club takes place 7/21-23. We have 20 men's teams coming to town and we were able to get a Women's bracket back off the ground with five teams.
- Other
 - Eagle Vail will be beginning a project revamping and expanding the pond, which will put the soccer field out of commission starting sometime in October. My understanding is the soccer field is probably going away and the baseball field will become an all grass or artificial turf athletic field.
 - We are rekindling our Adopt-A-Trail commitment and will be scheduling a couple VRD trail workdays towards the end of summer/fall when most departments will slow down, and we can get participation from across the organization.

GOLF MAINTENANCE

- **Greens:** All greens are healthy, consistent, and rolling true. We continue to plug out thin and damaged areas. We are also doing an intensive audit of the outside irrigation heads that surround the greens to ensure there is no overspray onto the golf green itself, which caused issues for us last year.
- **New Greens: 2, 4, 8, 9, 10, 18, Practice Green, 19, Alternate 15**
- The new golf greens are healthy and continue to push new roots each day. They play smooth and true and are also very consistent with all other greens. We are very pleased with the outcome and hope everyone else is as well.
- **Tees and Fairways:**
Tees and fairways are in great shape. We plan to apply another granular fertilizer mid-August to help with the thin areas that still have not filled in from the long winter.
- **Rough:**
The rough is in a healthy state and with our June application of fertilizer we will follow up with a second spot application in August to help out the struggling thinner and freshly seeded areas.
- **Bunkers:**
Bunkers look and play fantastic. We are planning to go out and do a thorough sand depth check on the greenside bunker faces to help ensure there are no plugged lies when hitting an approach shot into the green.
- **Irrigation:**
The irrigation system is running smoothly, and continual maintenance is done as needed.

COMMUNITY PROGRAMMING

- The 4 Mt Bike Camp sessions are coming to an end. All went well and had good attendance. Looking to improve for next summer with different ability level offerings.
- SkateStart ran 2 "beginner" skateboard camps and 2 "advanced" skateboard camps for the first time this summer. We ended with 19 beginner attendees and 21 advanced attendees.

- Imagination Station is seeing several day camp groups visiting as well as a consistent daily attendance.
- Camp Vail ends August 18 and will begin to see staff return to their school year jobs the first week of August.
- Pre Kamp Vail ends August 11 and a few of these staff will be working at Camp Vail for the final week/s.
- ECSD begins school on Monday, August 21. Our school year KidZone paperwork has and is available for families to complete now. KidZone After School and Schools Out Camp registration opens Monday, July 24. We are excited and confident to open up registration right away to a large capacity due to our solidified year-round staffing – thanks to the new FT dept jumping positions (Chad & Georgetta) and also Tamyra becoming FT with this department. Normally we open it to a very small capacity and add in children as we find part-timers to help.

FOOD & BEVERAGE

- Grill:
 - This year's July has been busier than last year!
 - We have not seen signs of slowing down.
 - Chef is doing an awesome job and is a workhorse!
- Starter Haus:
 - Has been busier than last year July also!
 - We have a couple weeks left before many of the kids go back to school.
- Bev Cart:
 - Our new tablet system is working, and we are still trying to optimize.
 - We have had bev cart coverage every day this season!
- Dobson:
 - We operated another successful Spanish dance.
 - We are continuing to improve our communication and to always be getting better in this department.
- Ford Park:
 - Has been open for the first time in a while and has been successful.
 - We will have another tournament next week.
- Banquets:
 - Has been a slow but steady July.
 - We will be picking up tremendously for the next couple months.

Overall, we are extremely busy and have not shown any signs of slowing down to this point. The team has been working hard and we are looking forward to our events world picking up over the coming months.

GYMNASTICS

- There are two week-long recreational summer camps remaining. Ninja Warrior and Monkey Business are both full with 40 participants each.
- The summer class schedule began on Monday, June 12. A limited class schedule for girls and boys is offered in addition to all camps and competitive programs through August 18.
- The Vail Gymnastics Classic competition will be held at Dobson Arena on September 15 and 16. Early registration is open.
- Guest coaches Tani Blount from Ohio and Momoko Iwai from the University of Denver Gymnastics Team assisted with the July 17 – 21 competitive camp. This camp reached maximum capacity with 32 competitive gymnasts ranging from level's 3 – 10.

- The final week-long competitive gymnastics camp will be held August 7- 11 and will welcome guest coach Fernie Urbina from Texas Elite Gymnastics.
- Registration for fall gymnastics session one will open on Friday, July 28. Classes will begin on Tuesday, September 5.

GOLF

- Golf course is in great shape! We have been receiving many positive comments from both our passholders and guests on the golf course and specifically the greens and bunkers.
- We have sold a slightly higher number of season passes and punch cards this year compared to our budget number.
- We hosted the PGA Junior State Tournament on July 11. We had 80 juniors from around the state of Colorado. The low round was a 76. This was a well-received, successful event.
- We are at full capacity with our league play and our junior programs. Our junior "Op 36" program is in its third year at the Vail Golf Club. OP36 program teaches golf from the green back to the tee. Our adult clinics have been full as well for July. This includes our Tuesday, Thursday and Sunday clinics.
- Our golf operations staff is doing a great job this summer! The majority of our outside staff will be returning to school in a couple weeks. We do have some new staff who will be starting at this time but we are in need of quite a few additional staff. Please send potential fall employees our way.
- Our golf shop sales have been solid. We had a Callaway and COBRA demo day on July 19 which was a success. We have lots of special orders with Callaway clubs.
- We have a Bridgestone Ball Fitting day on Saturday July 22.
- Our junior programs and camps have been full this year. We have also hosted two 9-hole tournaments for the juniors. This has been well received. The kids are enjoying the competition and are excited about the game of golf.

DOBSON

- Had 1648 attendees at our last Hispanic show on July 7. This was good as we expected 1200.
- Hosted the Vail Invitational Figure Skating Competition hosted by the Skating Club of Vail. The event was great and back to pre-Covid participation numbers.
- Hosted a sold-out Bob Johnson Hockey School. Jared celebrated his 20th camp during his tenure at Dobson. 118 kids were in attendance. About half are from outside Eagle County.
- Dobson is hosting the Gracie Gold Figure Skating Camp, Road to Gold, July 27-30. Eddie Shipstad is partners in this camp and is returning for the second year in a row.
- Vail Yeti are hosting a youth hockey camp, July 24-26. This camp is one of the few that offers an opportunity for the U8 level kids. This is the first year for this camp.

PARKS

- We have made it through the lacrosse tournaments and now hosting camps on Ford Park and Homestake Peak School. The fields held up during the tournaments and are recovering well. There are soccer tournaments scheduled for the next two weekends. We are spending a lot of time hand watering Ford Park to help with localized dry spots.

BUILDING MAINTENANCE / CAPITAL PROJECTS

Bldg. Maintenance

- We had a patron at the Vail Gymnastics Drop In programming accidentally drive up the retaining wall and struck the exterior of the building damaging the wall and 2 sets of windows. Vail PD is completing the report and TOV has assisted with repairs. VRD insurance will cover repairs and will be responsible for settling with our patron's insurance. Due to the nature of the accident both a structural engineer and TOV bldg. officials will be involved with ensuring repair is done properly.
- AC in the Gore Range Room failed prior to an event on the weekend of July 15th. After hours tech was able to temporarily get it running however, we lost one of 2 compressors. We have a temp repair in place for weekend events and new compressor should arrive and system back to normal by the last weekend of July.
- Boilers at Dobson have had some issues, boiler 2 is running at ½ power until parts arrive and boiler 1 failed after getting wet and contaminated with debris from storm on July 19th. We should not plan on re-using these for the renovation of Dobson.
- All Park and Venue restrooms are receiving daily service and we will continue to look for ways to realize economies of scale for purchasing janitorial supplies and providing cleaning services.
- Painters completed exterior painting at Ford Park Concessions and painted the railings at the tennis center along the ADA ramp. Both funded by TOV and managed by VRD. We will continue with painting projects if they don't impact operations.
- TOV fire mitigation (Fire Free Five) was completed at the Tennis Center and Golf / Nordic Clubhouse. The Tennis Center looks great however some of the new materials installed at the Golf & Nordic center didn't make it due to issues with irrigation. Golf Maint. continues to look for solutions to the irrigation problem and as soon as it is resolved we will re-plant.
- Elevator issues at both Gymnastics and Golf & Nordic Clubhouse are being resolved, significant issues with both Northwest COG and TK elevators have made solutions difficult.
- Issues with flying tents and leaky water fountains and fence issues were all resolved at Pickleball.
- Window cleaning was finally completed at Golf & Nordic after the original contractor cancelled our service due to staffing shortages. Paint on windows was also removed.
- Lighting at Vail Tennis Center was repaired and all lights now functioning, we almost had one can light help us with the demo and renovation of the center as it was clear that we had a small electrical fire in one of the lights causing our challenges.

Capital Projects

- Here are other capital projects with anticipated start dates:
 - Vail Golf Maintenance window arrived; we will schedule once Jacob has a chance to catch up.
 - Vail Gymnastics AC made good headway with the addition of the structural and geotechnical engineer. A new DRB submittal is being prepared, and we should have a permit set for submittal by Aug 1st.
 - Vail Gymnastics now has a new tumble track fabric which was delayed after building was struck by a vehicle.
 - Athletic Field restrooms and equipment storage building replacement – Geotech samples delayed due to scheduling conflict with Go-Pro games. We were not able to access the south side of the berm prior to events due to equipment stored for the games.
 - Hole # 6 lightning shelter punch list includes bench (redwood material ordered by delayed) and install of lightning rod (also ordered and delayed) the structure is open and available for use and punch list will be completed once materials arrive.

- Vail Athletic Field Renovation is now scheduled for the fall of 2023. However, the new Rugby goal posts will be installed, ACC was able to free up some labor from Copper Mtn project to complete this part of the project for us.
- Exterior can lighting on the south patio of the Gore Range Room were replaced with LED cans that will prohibit birds from nesting in the rafters and pooping on guests at events.
- The Dobson Ice Arena project did not receive approval at joint session and VRD recently offered solutions to design team to help solve capacity issues for hockey games.
- Hole #13 bathrooms renovation is now in the planning phase. ERW&SD is collaborating on plans however we were told we cannot install a water fountain and fill station at this location. We are under contract with Architect to work on concept design.

**VAIL RECREATION DISTRICT
COMBINED BALANCE SHEET
FOR THE PERIODS INDICATED BELOW**

	12/31/22			06/30/23		
	General Fund	General Fixed Assets & LTD	Total	General Fund	General Fixed Assets & LTD	Total
ASSETS						
CASH- UNRESTRICTED	9,054,110		9,054,110	11,192,096		11,192,096
INVESTMENTS- RESTRICTED			0			0
ACCOUNTS RECEIVABLE	387,543		387,543	186,566		186,566
PROPERTY TAXES RECEIVABLE	4,683,769		4,683,769	757,751		757,751
PREPAIDS, DEPOSITS & INVENTORY	337,038		337,038	403,778		403,778
DUE (TO) FROM OTHER FUND	0		0	0		0
LOAN DUE (TO) FROM OTHER FUND	0		0	0		0
BUILDINGS		15,278,481	15,278,481		15,278,481	15,278,481
EQUIPMENT		3,422,701	3,422,701		3,422,701	3,422,701
ACCUM DEPR		(11,497,765)	(11,497,765)		(11,497,765)	(11,497,765)
TOTAL ASSETS	14,462,459	7,203,417	21,665,876	12,540,190	7,203,417	19,743,607
LIABILITIES AND FUND EQUITY						
ACCOUNTS PAYABLE	186,752		186,752	180,867		180,867
DEFERRED PROPERTY TAXES	4,683,769		4,683,769	757,751		757,751
DEFERRED REVENUE	226,690		226,690	338,773		338,773
ACCRUED COMPENSATED ABSENCES		130,219	130,219		130,219	130,219
ACCRUED INTEREST PAYABLE			0			0
DOBSON BONDS PAYABLE			0			0
TOTAL LIABILITIES	5,097,212	130,219	5,227,431	1,277,391	130,219	1,407,610
NET ASSETS						
INV IN FIXED ASSETS, NET OF DEBT		7,073,198	7,073,198		7,073,198	7,073,198
NON-SPENDABLE & RESTRICTED	697,617		697,617	786,500		786,500
COMMITTED & ASSIGNED FOR CAPITAL	5,910,000		5,910,000	4,650,000		4,650,000
UNASSIGNED	2,757,630		2,757,630	5,826,300		5,826,300
TOTAL NET ASSETS	9,365,247	7,073,198	16,438,445	11,262,799	7,073,198	18,335,997
TOTAL LIAB & NET ASSETS	14,462,459	7,203,417	21,665,876	12,540,190	7,203,417	19,743,607

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VAIL RECREATION DISTRICT
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
ACTUAL, BUDGET AND FORECAST FOR THE PERIODS INDICATED

Printed: 07/21/23
 Modified Accrual Basis

	2022 Prelim Actual	2023 Forecast	2023 Adopted Budget	Variance Favorable (Unfavor)	6 Months Ended 06/30/23 Actual	6 Months Ended 06/30/23 Budget	Variance Favorable (Unfavor)	Current Month 06/30/23 Actual	Current Month 06/30/23 Budget	Variance Favorable (Unfavor)
COMBINED REVENUES										
PROPERTY AND OTHER TAXES, NET OF FEES	4,824,138	4,807,031	4,771,903	35,128	3,925,220	3,924,222	999	542,362	564,997	(22,635)
OTHER NON-DEPARTMENTALIZED REVENUES	219,099	527,145	291,000	236,145	293,094	145,500	147,594	58,618	29,667	28,952
SPORTS	414,332	496,833	465,030	31,803	345,070	316,161	28,909	56,909	38,993	17,916
GYMNASTICS	259,943	301,750	286,370	15,380	144,207	123,087	21,120	12,218	5,983	6,235
COMMUNITY PROGRAMMING	494,552	406,345	399,845	6,500	322,105	258,393	63,712	43,597	43,490	107
NATURE CENTER	-	-	-	-	-	-	-	-	-	-
NORDIC CENTER, NET OF COGS	714,530	726,240	727,400	(1,160)	420,219	451,288	(31,069)	-	-	-
GOLF COURSE, NET OF COGS	1,668,420	1,548,860	1,693,125	(144,265)	404,518	522,187	(117,669)	241,282	310,678	(69,397)
TENNIS	56,689	59,100	61,600	(2,500)	16,763	20,860	(4,097)	12,745	13,389	(644)
PICKLEBALL	180,594	109,700	157,200	(47,500)	48,396	55,635	(7,239)	24,206	29,447	(5,240)
DOBSON	954,475	988,939	897,737	91,202	572,786	474,989	97,797	119,574	65,442	54,132
GOLF F&B / BANQUET ROOM, NET OF COGS	1,251,880	1,233,578	1,248,276	(14,698)	254,996	360,504	(105,508)	99,480	195,885	(96,405)
TOTAL REVENUES	11,038,652	11,205,522	10,999,486	206,035	6,747,376	6,652,826	94,550	1,210,991	1,297,970	(86,979)
OPERATING EXPENSES										
ADMINISTRATION	(926,773)	(1,034,345)	(1,023,375)	(10,969)	(612,597)	(617,745)	5,148	(85,115)	(74,870)	(10,244)
PUBLIC RELATIONS/MARKETING	(368,177)	(413,877)	(411,632)	(2,245)	(173,276)	(178,449)	5,173	(19,210)	(36,429)	17,218
PARK MAINTENANCE	(331,190)	(384,855)	(398,004)	13,149	(153,028)	(188,699)	35,670	(59,355)	(72,818)	13,463
FACILITIES MAINTENANCE	(151,592)	(154,651)	(152,486)	(2,165)	(79,196)	(76,033)	(3,163)	(11,251)	(11,403)	152
SPORTS	(565,248)	(691,052)	(687,496)	(3,556)	(271,481)	(322,013)	50,532	(72,552)	(93,202)	20,650
GYMNASTICS	(354,527)	(406,293)	(425,248)	18,955	(192,598)	(207,266)	14,667	(29,341)	(39,773)	10,432
COMMUNITY PROGRAMMING	(631,366)	(673,206)	(667,230)	(5,976)	(262,414)	(296,570)	34,155	(53,084)	(76,608)	23,523
NATURE CENTER	-	-	-	-	-	-	-	-	-	-
NORDIC CENTER	(641,496)	(710,302)	(680,363)	(29,939)	(437,960)	(412,451)	(25,509)	(19,631)	(16,609)	(3,022)
GOLF OPERATIONS	(880,337)	(888,795)	(905,866)	17,071	(232,233)	(270,534)	38,301	(61,138)	(109,348)	48,210
GOLF MAINTENANCE	(901,743)	(959,836)	(966,958)	7,122	(380,608)	(426,219)	45,611	(123,474)	(154,257)	30,783
TENNIS	(129,391)	(156,753)	(165,915)	9,163	(76,073)	(93,627)	17,554	(59,480)	(68,001)	8,521
PICKLEBALL	(143,353)	(103,503)	(136,747)	33,243	(41,694)	(45,391)	3,696	(14,647)	(16,856)	2,208
DOBSON	(1,091,128)	(1,285,097)	(1,162,904)	(122,194)	(644,184)	(576,784)	(67,401)	(76,153)	(87,540)	11,386
GOLF F&B / BANQUET ROOM	(1,093,463)	(1,275,990)	(1,254,799)	(21,191)	(447,172)	(468,920)	21,747	(96,090)	(117,903)	21,813
TOTAL EXPENSES	(8,209,784)	(9,138,555)	(9,039,021)	(99,534)	(4,004,516)	(4,180,699)	176,183	(780,522)	(975,614)	195,093
CHANGE IN FUND BAL BEFORE DS & CAP	2,828,867	2,066,967	1,960,465	106,501	2,742,860	2,472,127	270,733	430,469	322,356	108,113
DEBT SERVICE	-	-	-	-	-	-	-	-	-	-
DONATIONS, LOANS, & SALE OF ASSETS	-	-	-	-	-	-	-	-	-	-
CAPITAL EXPENDITURES	(1,566,935)	(2,759,707)	(2,846,959)	87,253	(845,308)	(1,042,560)	197,253	(315,147)	(427,684)	112,537
LESS UNFUNDED CAPITAL PROJECTS	-	-	-	-	-	-	-	-	-	-
CONTINGENCY	-	(300,000)	(300,000)	-	-	(150,000)	150,000	-	(25,000)	25,000
TOTAL NET CAPITAL EXPENSES	(1,566,935)	(3,059,707)	(3,146,959)	87,253	(845,308)	(1,192,560)	347,253	(315,147)	(452,684)	137,537
CHANGE IN FUND BALANCE	1,261,932	(992,740)	(1,186,494)	193,754	1,897,552	1,279,566	617,986	115,322	(130,328)	245,650
BEGINNING FUND BALANCES	8,103,315	9,365,247	8,511,983	853,264	9,365,247	8,511,983	853,264			
ENDING FUND BALANCES	9,365,247	8,372,507	7,325,489	1,047,018	11,262,799	9,791,549	1,471,250			
	=	=	=	=	=	=	=	=	=	=

SUMMARY OF SIGNIFICANT VARIANCES:

OTHER REVENUES- Continued increase in interest rates on invested funds.
 COMMUNITY PROGRAMMING REV- Imagination Station, Before & After School, and Camp Vail all seeing strong numbers
 NORDIC REVENUES- Down from prior year, great conditions on the mountain means fewer doing Nordic
 GOLF REVENUES- Delayed opening due to weather/construction will likely result in decreased revenues.
 ADMINISTRATION EXPENSES- Savings from cancelation of the election
 PARKS MAINTENANCE EXPENSES- Delayed start due to long winter saved in labor and early season savings in water
 SPORTS EXPENSES- Savings from delayed hiring of full-time staff.
 NORDIC EXPENSES- Additional equipment repairs and rental fleet replacements.
 GOLF MAINTENANCE EXPENSES- Late start to season means materials coming in later than expected.
 DOBSON EXPENSES- January natural gas bills was \$47K (7 times the amount of 2022) even though consumption was down slightly.
 CAPITAL- Spending to date is favorable to budget, but overages are forecasted due to price increases as well as increased scope on some projects.
 CONTINGENCY-Not needed so far but continue to leave in forecast.
 FUND BALANCE- Savings at end of 2022 rolled forward to 2023.