



Heritage Eagle Bend Golf Club
23155 E Heritage Parkway, Aurora, CO 80016

GOLF COURSE UPDATES - SKETCH PLAN

January 11, 2024

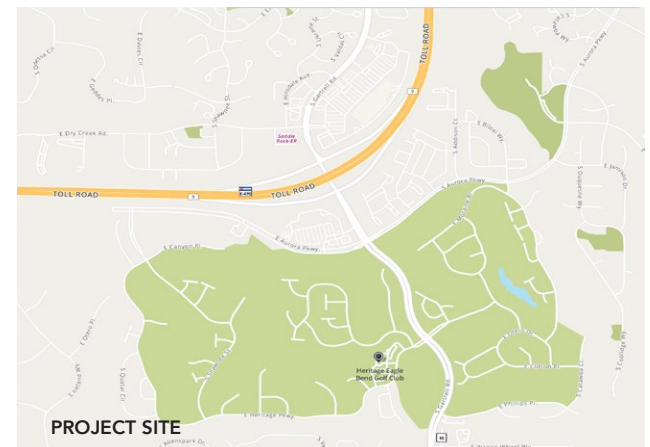




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HERITAGE EAGLE BEND GOLF CLUB

PROJECT GOALS:

- Prepare a Bunker, Tee and Turf Reduction Master Plan to aid with the design of the new irrigation system being prepared by Larry Rodgers Design Group.
- Respecting the Heritage Eagle Bend (HEB) typical player profile, outside player needs, and 55+ age community, define and establish the preferred bunker and tee look, style, character, playability, placement/ location, and comprehensive strategy to convey and communicate future golf course bunker and tee enhancements and areas of maintained turf reduction to HEB golfers and community members. For detailed bunker, tee, and grassing evaluation along with concept design, see BUNKER NOTES, TEE NOTES, and MAINTAINED TURF REDUCTION.
- Bunker and Tee work and turf reduction shall be designed and planned to provide the best possible golf experience relative to HEB's playing strategies, interest and aesthetics. Other concerns, such as safety, maintenance efficiency and cost to HEB shall be addressed.
- Design a new forward tee playing strategy addressing HEB player profiles, industry guidelines and HEB player tracking data.
- Based on existing tee locations, prepare a turf reduction master plan, highlighting areas of existing turf to be removed from daily maintenance practices to reduce the costs of a future irrigation renovation and reduce water consumption and maintenance expenses.
- Several common themes emerged from the HEB Board's and project stakeholder's survey responses. These elements must be respected and incorporated into any proposed design revisions and enhancements to the golf course:
- *The golf course is first and foremost for the 55+ community members, and any design revisions should respect that community, along with outside player needs.*
 - Reduce water consumption. Adapt to ever-increasing water restrictions.
 - Maintain a first-class golf course.
 - Address aging infrastructure repairs (bunkers and tees).
 - Maintain the character of the existing golf course "Green" and well maintained.
 - Do not make the golf course more challenging and pay attention to outside player requests regarding feature design, character and playability.
 - Create design strategies that reduce maintenance expenses, i.e., less irrigated turf, few bunkers, less severe bunker faces/lips, etc.
 - Respect adjoining neighbors' aesthetic requirements for the golf course.

TEE NOTES

Setting Up a Golf Course For Success:

- The goal is to provide a course that is comfortable for women to play (and similar HDCP/ Swing Speed player profile), and therefore, results in a fun and enjoyable experience. These players should be able to hit roughly the same clubs for their approach shots into greens as their male counterparts. Calculating the right yardage for these players is, at its basic level, simply a matter of math.
- Appropriately placed tees can accommodate golfers with slower swing speeds or shorter length of drive, including new golfers, seniors, youth and people with disabilities. Highly skilled players, who choose to hone their short games, Golfers recovering from physical, cognitive and/or mobility limitations, injuries or surgeries can re-engage with golf more quickly from tees with yardages suited to their abilities. Many golfers who have been away from the game could savor the beauty of the outdoors and a healthy activity if they could play golf with scoring success in a limited amount of time.
- The basis of good tee positioning is rooted in the concept of DESIGN FAIRNESS. The central idea of this philosophy is that golf course operators should provide sets of tees from which golfers with a wide spectrum of driving distances and swing speeds can reach greens in regulation and putt for pars or even birdies. Done correctly, the tees should be positioned proportionally to each other, so that players who are playing the correct set of tee markers for their driving distance and swing speed may use similar clubs for their approach shots on each hole.

Calculating the right yardage for forward tees:

- Approximately 84% of HEB Women's HDCP falls between 18 - 36
- Goal is to position forward tees to minimize grading and highlight sight-lines to preferred landing areas (elevated tees, approximately 850 SF each).
- Comprehensive USGA and Equipment Manufactures guidelines are referenced for proper tee placement.
- For reference, at 4,930 yards from the Green tees (HEB existing forward tee yardage) is equivalent to a 7,100 yard course for the average male golfer.

USGA Forward Tee Yardage Guidelines
Based On Swing Speed & HDCP Index:

	Swing Speed (mph)	Average Drive (yards)	Yardage Range	HDCP Index	Mid Point Percentage
Average Swing Speed Female Golfer	65	140	4,000 - 4,200	26.5	65%
	75	165	4,800 - 5,000		78%
	85	190	5,600 - 5,800		90%
Average Swing Speed Male Golfer	90	203	6,000 - 6,100	14.5	96%
	95	215	6,200 - 6,400		100% base
	105	240	6,800 - 7,000		110%

Equipment Industry & USGA Recommended Forward Tee Yardage:

Women's Yardage (or, similar swing speeds 55+ age community)	Par 3s	Par 4s	Par 5s	Total Length
Maximum Yardage	140 yards	260 yards	380 yards	4,680 yards
Suggested Yardage	120 yards	230 yards	325 yards	4,080 yards
Heritage Eagle Bend Existing Average Yardage	109 yards	304 yards	385 yards	4,930 yards

Heritage Eagle Bend 18-hole Existing Forward Tee Yardage:

Par	Ex. Total Yards	Ex. Avg. Total Yards	Avg.Goal Yards	Proposed Yards	Avg. Proposed Yards
3	437	109	124	390	98
4	2834	283	237	2363	236
5	1659	415	335	1360	340

Forward Tee	Front Nine	Back Nine	Total
Existing (Yds.)	2458	2472	4930
Proposed (Yds.)	2086	2027	4113
Net Yards	-372	-456	-817

BUNKER NOTES (GUIDING PRINCIPLES)

Bunker Strategies for Heritage Eagle Bend (HEB) (iCon Golf Studio™):

Proposed bunker removals and new bunkers are based on the USGA logging data results combined with HEB's typical player profiles and player handicaps to honor the existing golf course aesthetics, strategy and playability. The goal is to reduce maintenance costs, while at the same time making the course more playable with interesting tee-to-green strategies.

NOTE: all existing bunkers and new bunkers constructed to same Detail:

- Re-shaped to approximately existing size
- Varying depths (minimum depth = three (3') feet)
- Bowled bunker bottoms with varying sand flash up to four feet
- Four-inch (4") to six-inch (6") lips
- Grass rolled over top 1/3 of Bunker
- Native Fine Fescue grass mix wrapping out-of-play Bunker areas
- All new liner, drainage and sand

- For all existing SHAPE-IN-PLACE BUNKERS:
 - Correct infrastructure defects, i.e., ingress/egress, drainage, erosion, sand quality/playability, aesthetics, lip height, liner, and potential contamination.
 - Improve visibility from preferred line-of-play).
 - Improver overall aesthetics (shadow and reveal).
 - Improve playability.
 - Improve bunker ingress/egress

- For all proposed NEW BUNKERS:
 - Place bunkers to create a sense of illusion or misperception as to length and distance.
 - Place bunkers to provide a cue or guide to the preferred line of play for a hole.
 - Place and design bunkers as a feature to setup a risk/reward playing strategy:
 - Offer the opportunity for a heroic shot.
 - Protect pin placements on greens.
 - Create perceived difficulty.
 - Test accuracy and length of carry.
 - Catch wayward shots.
 - To aid with safety on a hole.
 - To improve aesthetics by adding character, shadow, and reveal.
 - To set up a sense of rhythm, frequency, and variation.

In addition to the above bunker design strategies, every new bunker (and existing bunker) will be analyzed and evaluated with the following criteria in mind to guide bunker removal and placement of proposed new bunkers. Does the addition of a bunker or re-shaping of an existing bunker (iCon Golf Studio™):

- Respect the character of the original Arthur Hills design.
- Challenge the low-handicap player.
- Aid the higher handicap player.
- Add interest to the hole.
- Add variety to the hole.
- Provide a sense of scale to the hole.
- Differentiate one hole from another.
- Make the hole aesthetically more appealing.
- Provide additional safety.
- Provide acceptable maintenance.
- Fit the character of the hole.
- Make the hole too difficult for the HEB player profile

MASTER PLAN - COURSE UPDATES

Center (CL) Legend (*Black Tee*):

Par 3's:	Tee CP to Green CP	Distance Varies
Par 4's:	Tee CP to FW TP	275 yds.
	FW TP to Green CP	Distance Varies
Par 5's	Tee CP to FW TP	275 yds.
	FW TP to 2nd FW TP	225 yds.
	2nd FW TP to Green CP	Distance Varies

Center (CL) Legend (*Silver Tee*):

Par 3's:	Tee CP to Green CP	Distance Varies
Par 4's:	Tee CP to FW TP	145 yds.
	FW TP to Green CP	Distance Varies
Par 5's	Tee CP to FW TP	145 yds.
	FW TP to 2nd FW TP	125 yds.
	2nd FW TP to Green CP	Distance Varies



PROPOSED SCORECARD

HOLE	1	2	3	4	5	6	7	8	9	OUT		10	11	12	13	14	15	16	17	18	IN	TOT
BLACK	372	568	176	394	415	521	178	409	385	3418		393	579	200	415	497	190	392	450	408	3524	6942
BLUE	341	533	166	366	383	499	158	386	357	3189		367	530	176	384	469	168	373	429	381	3277	6466
GOLD	328	516	156	353	368	486	143	376	345	3072		349	519	166	370	457	147	324	411	371	3114	6158
WHITE	302	495	122	319	339	460	138	342	314	2831		330	458	146	352	436	117	290	380	316	2825	5656
MEN'S HDCP	13	7	15	9	5	1	17	11	3			16	10	8	2	14	18	12	4	6		
PAR	4	5	3	4	4	5	3	4	4	36		4	5	3	4	5	3	4	4	4	36	72
GREEN	249	429	102	274	298	416	120	303	283	2474		282	410	137	287	404	94	255	328	275	2472	4946
SILVER (New)	211	379	92	241	217	352	111	249	234	2086		230	338	102	232	291	85	250	275	224	2027	4113
WOMEN'S HDCP	13	3	17	11	7	1	15	9	5			10	8	14	4	6	18	12	16	2		



FRONT NINE





LEVELED
TEES (x3)

NEW BUNKER

NEW CART
PATH

NEW TEE

NEW TEE

NEW BUNKERS (x2)

NEW TEE

BUNKER
REPAIR (2)

NEW TEE

BUNKER
REPAIR (x2)

BUNKER
REPAIR (x3)

BUNKER
REPAIR (x2)

BUNKER
REPAIR (x4)

LEVELED
TEES (x5)

NEW TEE

NEW TEE

NEW TEE

BUNKER
REPAIR (x3)





HOLE 1

Par 4

372	302
341	249
328	211 (New)

NORTH



Direction:	Dog-leg left: South Southeast
Elevation Change:	Uphill 16'
Landing Area Width:	110'
Entrance to Green:	From the right
Green Size:	5,098 sq ft
FW Bunkers:	Two: 2,193 sq ft
Green Bunkers:	Two: 1,103 sq ft

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
- Infrastructure Repair (outdated golf course features):
 - Existing four bunkers repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - New, non-maintained naturalized turf area behind green (out-of-play) to reduce maintenance expense and water use
 - Existing three bunkers along right side of fairway are out-of-play and due to their proximity to trees they create set-up a "double hazard" and are removed to reduce maintenance expenses & enhance playability
- Infrastructure Repair (outdated golf course features):
 - Existing five bunkers repaired (stripped, shaped, new drainage, liner & sand)

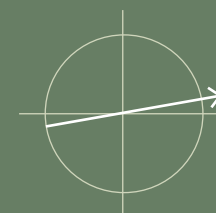
HOLE 2

Par 5

● 568	● 495
● 533	● 429
● 516	● 379 (New)



NORTH



Direction:	Dog-leg right: Northeast East
Elevation Change:	Downhill 86'
Landing Area Width:	138' 156'
Entrance to Green:	From the center
Green Size:	5,218 ⚡
FW Bunkers:	Four: 5,182 ⚡ (removed 1,299 ⚡)
Green Bunkers:	One: 1,006 ⚡



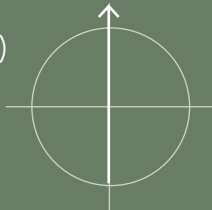
HOLE 3

Par 3

176	122
166	102 (New distance)
156	92



NORTH



Direction: Straight: North
 Elevation Change: Downhill 15'
 Landing Area Width: Green
 Entrance to Green: From the left
 Green Size: 5,650 $\square$
 FW Bunkers: Zero
 Green Bunkers: Four: 2,603 $\square$

Course Updates:

- New Golf Course Features:
 - Existing Green tee laser-leveled and lengthened, provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - One new left "savior" greenside bunker provides a catchers mitt for tee-shots bounding over the green into the native grass
 - Expanded fairway run-in to green (wider approach) to provide alternative types of approach shots
- Infrastructure Repair (outdated golf course features):
 - All tees laser-leveled and re-aligned (stripped, sand plated, laser-leveled, & sodded): $5,156 \text{ SF} + 1,384 \text{ SF} + 933 \text{ SF} (+ 420 \text{ SF}) = 7,893 \text{ SF}$
 - Existing three bunkers repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Expanded fairway along left side of existing fairway increases landing area width providing more room between pond and rough

HOLE 4

Par 4

● 394	● 319
● 366	● 274
● 353	● 241 (New)



Direction:	Dog-leg right: Northwest
Elevation Change:	Downhill 28'
Landing Area Width:	70'
Entrance to Green:	From the left
Green Size:	4,762 sq ft
FW Bunkers:	Zero
Green Bunkers:	Zero



HOLE 5

Par 4

415	339
383	298
368	217 (New)



NORTH



Direction: Straight: Northwest
 Elevation Change: Downhill 12'
 Landing Area Width: 140'
 Entrance to Green: From the right
 Green Size: 6,695 sq ft
 FW Bunkers: Three: 2,046 sq ft
 Green Bunkers: One: 1,300 sq ft (removed 463 sq ft)

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Expanded fairway at new forward tee increases landing area width left of fairway bunker making the hole more playable
 - Removed out-of-play bunker at back of green reduces maintenance expenses
 - Expanded fairway roll-off at back of green provides flexible playing conditions for the low- and high-handicap players
- Infrastructure Repair (outdated golf course features):
 - Existing four bunkers repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Second fairway bunker remodeled/realigned to provide more room for the forward tee, tee-shot
 - Expanded fairway at new forward tee increases landing area width left of fairway bunker making the hole more playable
 - Existing left green fore-bunker removed provides space to expand the fairway run-in to green, which then offers players with a variety of skill levels multiple playing options to reach the green increasing playability and enjoyability
- Infrastructure Repair (outdated golf course features):
 - Existing five bunkers repaired (stripped, shaped, new drainage, liner & sand)

HOLE 6

Par 5

● 521	● 460
● 499	● 416
● 486	● 352 (New)



Direction:	Straight: Southwest
Elevation Change:	Uphill 48'
Landing Area Width:	100' 132'
Entrance to Green:	From the left
Green Size:	5,604 $\square$
FW Bunkers:	Five: 5,706 $\square$ (removed 633 $\square$)
Green Bunkers:	Zero

NORTH



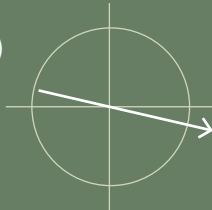


HOLE 7

Par 3

● 178	● 138
● 158	● 120 (New distance)
● 143	● 111

NORTH



Direction: Straight: Southeast
 Elevation Change: Downhill 20'
 Landing Area Width: Green
 Entrance to Green: From the center
 Green Size: 6,166 sq ft
 FW Bunkers: Zero (removed 699 sq ft)
 Green Bunkers: One: 440 sq ft (removed 393 sq ft)

Course Updates:

- New Golf Course Features:
 - Existing Green tee laser-leveled and lengthened, provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - One out-of-play right side fairway bunker removed to help the higher handicap player and reduce maintenance expenses
 - One out-of-play left greenside bunker removed to help the higher handicap player and reduce maintenance expenses
 - Expanded fairway neck in front of the green provides a wider run-in offering more shot variety (aerial, bump-n-run) into the green making the hole more enjoyable
- Infrastructure Repair (outdated golf course features):
 - All tees laser-leveled and re-aligned (stripped, sand plated, laser-leveled, & sodded): 1,066 SF + 1,629 SF + 2,086 SF + 1,310 SF + (420 SF) = 6,511 SF
 - Existing left greenside bunker repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Expanded fairway at new forward tee eliminates forced-carry with tee-shot to fairway
- Infrastructure Repair (outdated golf course features):
 - Existing two left greenside bunkers repaired (stripped, shaped, new drainage, liner & sand) and combined into one new bunker, which also reduces maintenance expenses

HOLE 8

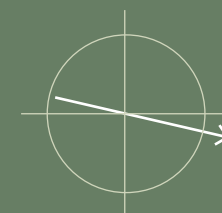
Par 4

409	342
386	303
376	249 (New)



Direction: Dog-leg left: Southeast
 Elevation Change: Downhill 69'
 Landing Area Width: 110'
 Entrance to Green: From the right
 Green Size: 4,907
 FW Bunkers: One: 1,840
 Green Bunkers: Two: 1,282

NORTH



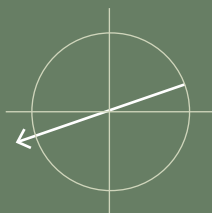


HOLE 9

Par 4

385	314
357	283
345	234 (New)

NORTH



0 80 160 320

Direction: Dog-leg right: Southwest | Northwest
 Elevation Change: Uphill 39'
 Landing Area Width: 115'
 Entrance to Green: From the center
 Green Size: 6,720 $\square$
 FW Bunkers: Three: 3,579 $\square$ (removed 3,690 $\square$)
 Green Bunkers: Two: 2,090 $\square$ (removed 1,235 $\square$)

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Existing two fairway bunkers removed (stripped, shaped and new drainage, liner & sand) and re-shaped into three new bunkers to offer risk/reward strategy with tee-shot
 - Existing out-of-play left and right greenside bunkers removed to enhance playability and reduce maintenance expenses (left greenside bunker moved left to widen approach)
 - Expanded fairway increases fairway landing area widths making the hole more playable
 - Expanded fairway run-in to green provides more shot variety (aerial, bump-n-run) into the green making the hole more interesting and playable for players of all abilities
- Infrastructure Repair (outdated golf course features):
 - Existing left and right greenside bunker repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Expanded fairway at new forward tee eliminates forced-carry with tee-shot to fairway
 - Expanded, wider fairway at landing areas provides more room next to the fairway bunkers for the best angle of approach to the green and room to the right for tee-shots
- Infrastructure Repair (outdated golf course features):
 - Existing two fairway bunkers repaired (stripped, shaped, new drainage, liner & sand)

HOLE 10

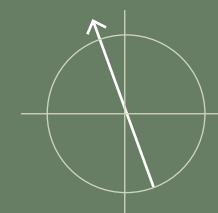
Par 4

● 393	● 330
● 367	● 282
● 349	● 230 (New)



Direction:	Dog-leg left: West Northwest
Elevation Change:	Downhill 58'
Landing Area Width:	New, 128' from 84'
Entrance to Green:	From the left
Green Size:	5,041 ϕ
FW Bunkers:	Two: 2,724 ϕ
Green Bunkers:	Zero

NORTH





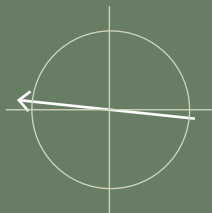
HOLE 11

Par 5

● 579	● 458
● 530	● 410
● 519	● 338 (New)



NORTH



Direction: Dog-leg right: Southwest | Northwest
 Elevation Change: Downhill 61'
 Landing Area Width: 172' | 88'
 Entrance to Green: From the left
 Green Size: 4,378 sq ft
 FW Bunkers: Two: 1,337 sq ft (removed 1,514 sq ft)
 Green Bunkers: One: 845 sq ft

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Existing out-of-play, left fairway bunker removed to enhance playability and reduce maintenance costs
 - Existing left green fore-bunker removed to enhance playability, reduce maintenance costs and widen the fairway green approach
 - One new back "savior" greenside bunker provides a catchers mitt for tee-shots bounding over the green into the native grass
 - Expanded fairway run-in to green provides more shot variety (aerial, bump-n-run) into the green making the hole more enjoyable
- Infrastructure Repair (outdated golf course features):
 - Existing two bunkers repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - Existing Green tee laser-leveled and lengthened, provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences) and eliminates forced-carry over ravine
 - "Blind" existing right greenside bunker removed to offer an expanded bailout area to provided playing options for a variety of skill levels and to reduce maintenance expenses
 - Expanded fairway run-in to green and roll-off at right-side of green provides multiple playing options for a variety of skill levels increasing playability and enjoyability
- Infrastructure Repair (outdated golf course features):
 - All tees laser-leveled and re-aligned (stripped, sand plated, laser-leveled, & sodded): 1,797 SF + 2,421 SF + 1,363 SF + (525 SF) = 6,106 SF
 - One existing bunker repaired (stripped, shaped, new drainage, liner & sand)

HOLE 12

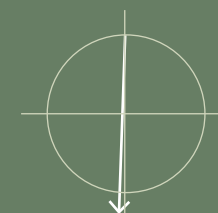
Par 3

● 200	● 146
● 176	● 137
● 166	● 102 (New)



Direction:	Straight: South
Elevation Change:	Uphill 7'
Landing Area Width:	Green
Entrance to Green:	From the center
Green Size:	5,971 sq ft
FW Bunkers:	Zero
Green Bunkers:	One: 1,210 sq ft (removed 221 sq ft)

NORTH





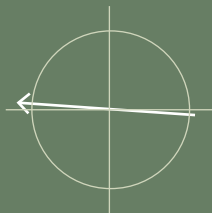
HOLE 13

Par 4

415	352
384	287
370	232 (New)



NORTH



Direction: Dog-leg left: Northwest | West
 Elevation Change: Uphill 48'
 Landing Area Width: 124'
 Entrance to Green: From the left
 Green Size: 5,274 sq ft
 FW Bunkers: Two: 2,958 sq ft (removed 2,587 sq ft)
 Green Bunkers: Zero

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Remove Three out-of-play existing fairway bunkers to reduce to aid the higher handicap player and to reduce maintenance expenses
 - Two new fairway bunkers one each on the left- and right-side of the fairway landing area (brackets the beginning and end of preferred fairway landing area) challenges the lower handicap player, while not affecting the higher handicap player providing additional strategy for tee-shots
 - Expanded fairway at new forward tee provides a wider landing area from the tee, albeit not the prime position to reach the green (the left side of the fairway provides the best vantage point to the green but requires a risk/reward tee-shot.
 - Expanded fairway roll-off at front-right-side of green provides multiple playing options for a variety of skill levels increasing playability and enjoyability



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Existing out-of-play left fairway bunker removed to provide space for the new forward tee and to reduce maintenance costs
 - Existing right greenside bunker is out-of-play and removed to reduce maintenance costs
 - Expanded fairway at new forward tee and in the swale fronting the green provides wider landing areas making the hole more playable for higher handicap players.
 - Expanded fairway run-in to green provides multiple playing options for a variety of skill levels increasing playability and enjoyability
- Infrastructure Repair (outdated golf course features):
 - Existing two bunkers repaired (stripped, shaped, new drainage, liner & sand)

HOLE 14

Par 5

● 497	● 436
● 469	● 404
● 457	● 291 (New)



Direction:	Straight: Southeast
Elevation Change:	Downhill 42'
Landing Area Width:	New, 132' from 94' 80'
Entrance to Green:	From the left
Green Size:	5,410 $\square$
FW Bunkers:	Zero (removed 1,066 $\square$)
Green Bunkers:	Two: 1,281 $\square$ (removed 417 $\square$)

NORTH





HOLE 15

Par 3

190	117
168	94
147	85 (New)



NORTH



Direction: Straight: Northwest
 Elevation Change: Downhill 17'
 Landing Area Width: Green
 Entrance to Green: From the right
 Green Size: 6,088 sq ft
 FW Bunkers: Zero
 Green Bunkers: Three: 1,766

Course Updates:

- New Golf Course Features:
 - Existing Green tee laser-leveled and lengthened, provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Lower the existing rolls on fairway to allow for unobstructed views into the green complex from existing green tee and also helps prevents tee-shots from bounding into the first bunker or pond
- Infrastructure Repair (outdated golf course features):
 - All tees laser-leveled and re-aligned (stripped, sand plated, laser-leveled, & sodded): 1,137 SF + 1,485 SF + 1,661 SF + 1,031 SF + 836 SF + (420 SF) = 6,570 SF
 - Existing three bunkers repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - Removing the existing left green fore-bunker provides space to expand the fairway run-in to green, which then offers players with a variety of skill levels multiple playing options to reach the green increasing playability and enjoyability
- Infrastructure Repair (outdated golf course features):
 - Existing three bunkers repaired (stripped, shaped, new drainage, liner & sand)

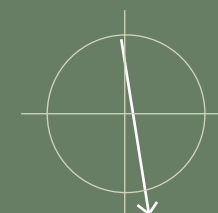
HOLE 16

Par 4

● 392	● 290
● 373	● 255
● 324	● 239



NORTH



Direction: Dog-leg right: Southeast | South
 Elevation Change: Uphill 20'
 Landing Area Width: 103'
 Entrance to Green: From the left
 Green Size: 4,615 $\square$
 FW Bunkers: Two: 538 $\square$
 Green Bunkers: One: 769 $\square$ (removed 825 $\square$)



HOLE 17

Par 4

450	380
429	328
411	275 (New)

NORTH



Direction: Straight: Northeast
 Elevation Change: Downhill 90'
 Landing Area Width: 116'
 Entrance to Green: From the left
 Green Size: 5,619 sq ft
 FW Bunkers: One: 1,947 sq ft
 Green Bunkers: One: 1,234 sq ft

Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Removing the existing left green fore-bunker provides space to expand the fairway run-in to green, which then offers players with a variety of skill levels multiple playing options to reach the green increasing playability and enjoyability
 - Existing two left greenside bunkers repaired (stripped, shaped; new drainage, liner & sand) and combined into one new bunker, which also reduces maintenance expenses
 - Expanded fairway at new forward tee provides wider landing area and reduces the forced-carry to the fairway from the forward tee
- Infrastructure Repair (outdated golf course features):
 - Existing fairway bunker repaired (stripped, shaped, new drainage, liner & sand)



Course Updates:

- New Golf Course Features:
 - New forward tee provides the correct hole distance to accommodate players with slower swing speeds to provide them the opportunity to hit lofted approach-shots to the green (similar playing experiences)
 - Four existing and out-of-play fairway bunkers removed (two left & two right) and re-shaping creates a wider and lengthened fairway landing area with unobstructed views to aid higher handicap players on a difficult uphill hole making it more playable and enjoyable
 - Moving the existing left greenside bunker to the right provides space to expand the fairway run-in to green, which then offers players with a variety of skill levels multiple playing options to reach the green increasing playability and enjoyability
- Infrastructure Repair (outdated golf course features):
 - Two existing fairway bunkers and two existing greenside bunker repaired/moved (stripped, shaped, new drainage, liner & sand)

HOLE 18

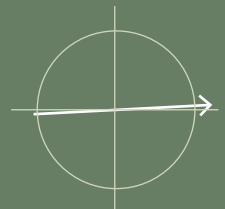
Par 4

● 408	● 316
● 381	● 275
● 371	● 224 (New)



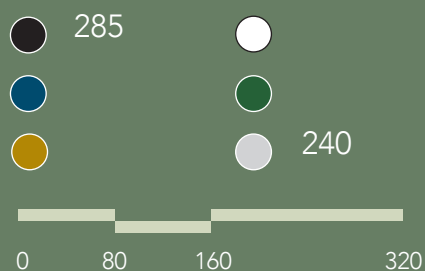
Direction:	Straight: Southeast Northeast
Elevation Change:	Uphill 72'
Landing Area Width:	115'
Entrance to Green:	From the left
Green Size:	5,929 $\square$
FW Bunkers:	Two: 2,546 $\square$ (removed 4,641 $\square$)
Green Bunkers:	Two: 1,374 $\square$

NORTH

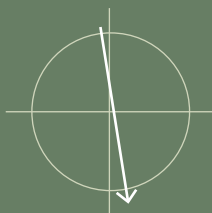




DRIVING RANGE/PRACTICE



NORTH



Direction: Straight: Southeast
 Elevation Change: Uphill 20'
 Landing Area Width: 350'
 FW Bunkers: One: 780
 Green Bunkers: One: 941 (removed 1,605)

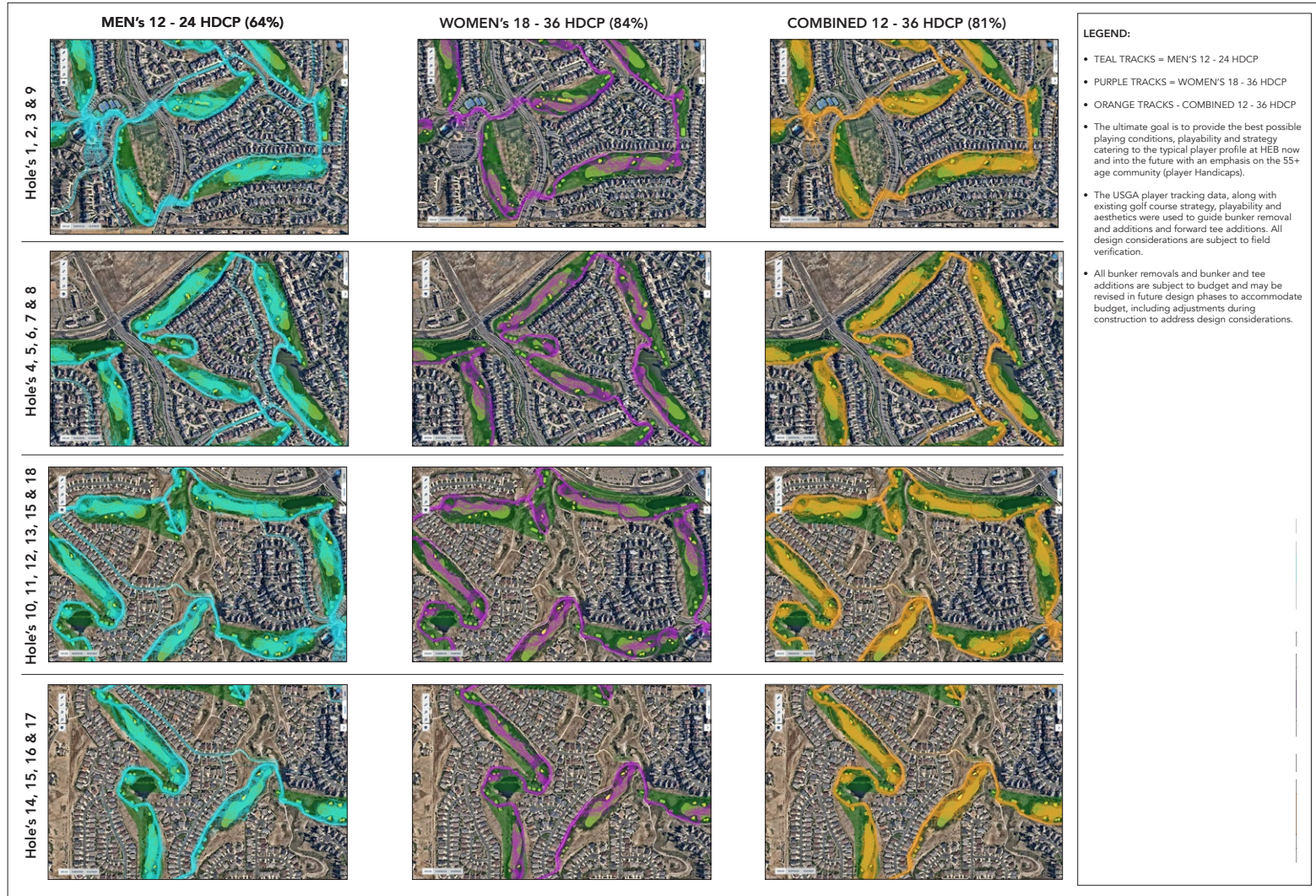
Course Updates:

- New Golf Course Features:
 - One new practice bunker at driving range tee provides practice opportunities for bunker shots of varying distances
 - Remove the four Driving Range target bunkers to reduce maintenance expenses (the new grassy-hollow shapes offer the same shadow/reveal as existing bunker targets)
- Infrastructure Repair (outdated golf course features):
 - Existing tee leveled and re-aligned to driving range center line (stripped, sand plated, laser-leveled, & sodded), One existing practice bunker repaired (stripped, shaped and new drainage, liner & sand)

APPENDIX



USGA PLAYER PROFILE TRACKING



USGA Men Logging Data Summary (8/2/23 - 8/4/2023)			
0 - 12	32	21%	64%
12 - 18	62	41%	
18 - 24	34	23%	
24+	22	15%	
Total	150	100%	

USGA Women Logging Data Summary (8/2/23 - 8/4/2023)				
0 - 12	0	0%	84%	
12 - 18	5	10%		
18 - 24	15	30%		
24 - 36	27	54%		
36+	3	6%		
Total	50	100%		

USGA COMBINED Logging Data Summary (8/2/23 - 8/4/2023)				
0 - 12	32	0%	81%	
12 - 18	67	10%		
18 - 24	49	30%		
24 - 36	46	54%		
36+	6	6%		
Total	200	100%		

BUNKER CHARACTER IMAGES



GRASS-DOWN TO CONCAVE BOTTOM (SIMPLE SHAPES)

