



Course Improvement Project Phase 1

OVERVIEW OF PROJECT

Primary Goals

- Reduce bunker footprints, improve bunker drainage
- Improve putting green turf quality by fixing traffic issues around green complexes
- Fix drainage to improve turf health and golf playability
- Make the course distinctive while retaining its challenge and enhancing enjoyment
- Minimize course disruption

Phase 1 Sequencing and Approximate Timelines

Based on membership feedback, the Board has decided to adjust the Phase 1 construction schedule to start the work later than previously communicated to ensure the least possible course disruption for members. The contractor will be starting on October 1st, which is after all main club events and outside tournaments. Starting the work later introduces more risk with poor weather so it's unlikely all of the 1st phase will be completed this fall. Any remaining work will be completed first thing next spring.

Start Timing	Hole	Comments
October 1	9	Approximately 2 weeks of work.
Mid October	10	Approximately 1.5 weeks of work. Some fill material may be required for some of the work on the 9 th hole.
Late October	4	Approximately 2 weeks of work
Mid-November	12 and 13	Work will start around the 12 th green area if the weather cooperates. The fairway expansion area around the current 12 th fairway bunker will be worked on in the spring and some of that area will be seeded.





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Course Disruption Minimization Plan

- Only one hole will be worked on at a time.
- Members will play on the hole being worked on.
- No more than 1 temporary green at a time, and only when required. If a hole takes two weeks to complete, a temporary green may be in place for 4-5 days.
- Once a hole is completed and grassed, some areas will be roped off to allow the sod to root properly. These areas will be played as Ground Under Repair.

Tree Management Goals

- Emphasize some of our current specimen trees.
- Plant 20 large specimen trees (15-20 feet tall, variety of species) around the course, including along the left of the 15th fairway.
- New tree planting will be done in September, when conditions are best for this.

Cost

The cost for Phase 1 of the Course Improvement Project will be approximately \$287,000 plus \$15,000 for new trees. This will be paid for by the Club with existing funds.

Golf Course Architect

For examples of projects by Jeff Mingay, visit www.jeffmingay.com.

Questions/Comments

If you have any questions or comments regarding Phase 1 of the Course Improvement Project, please submit them via email to crt-cip@rivermeadgolf.com.





Course Improvement Project Phase 1

HOLE #4

KEY OBJECTIVES	CHANGES
<ul style="list-style-type: none">• Reduce bunker footprints, improve bunker drainage	<ul style="list-style-type: none">• Bunker footprint will be reduced and bunker drainage improved
<ul style="list-style-type: none">• Improve putting green turf quality by fixing traffic issues around green complexes	<ul style="list-style-type: none">• Reduce wear on the greens by adding entrance and exit points
<ul style="list-style-type: none">• Fix drainage to improve turf health and golf playability	<ul style="list-style-type: none">• Fairway drainage was fixed some 15 years ago, no significant action required
<ul style="list-style-type: none">• Make the course distinctive while retaining its challenge and enhancing enjoyment	<ul style="list-style-type: none">• Create a more strategic hole by modifying the fairway bunkers and locations, remodeling the greenside bunkers and surrounds and add a short grass drop off area

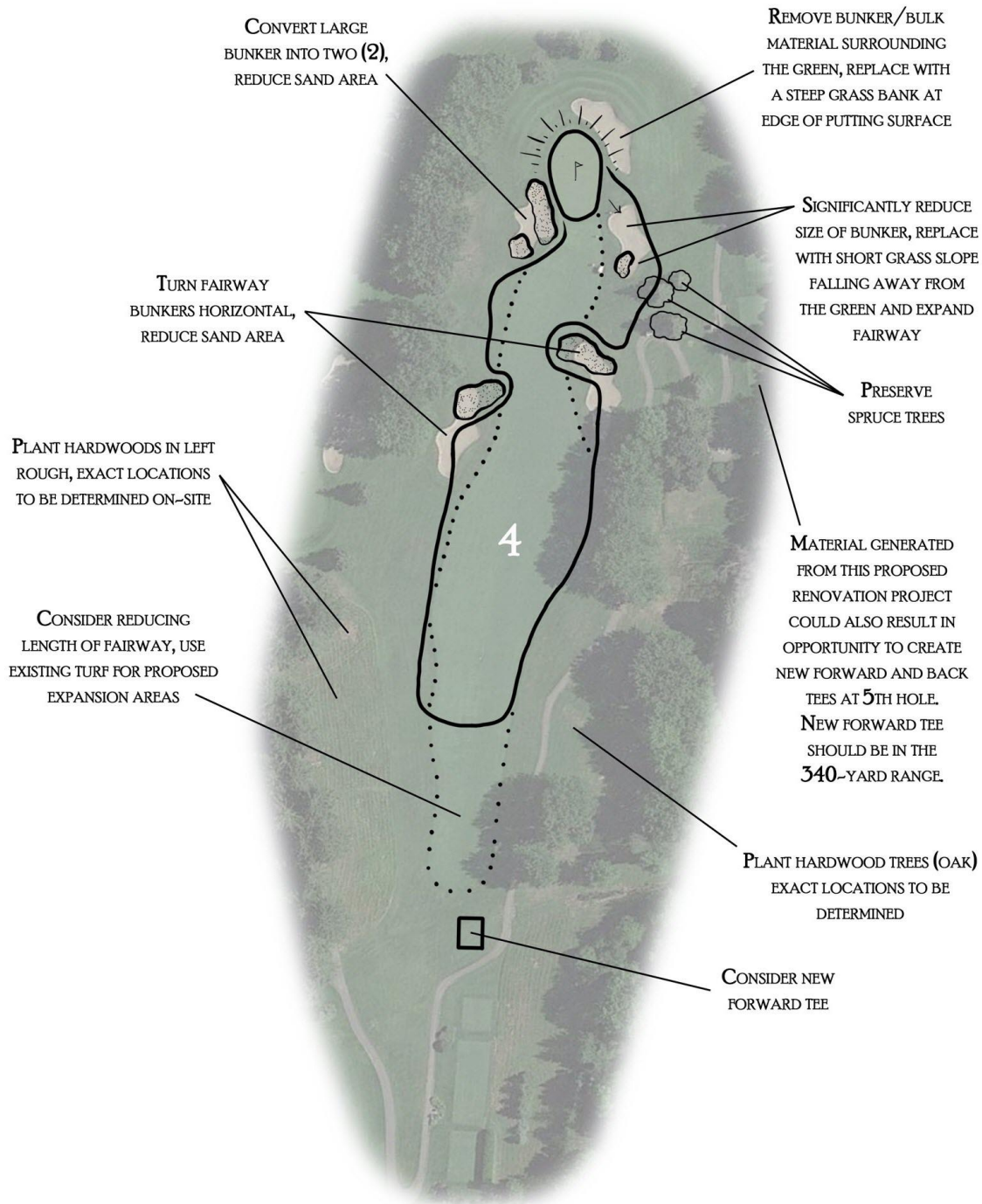
HOW WE WILL DO IT

- A new forward tee will be installed. Play from the Red tees would measure approx. 230–240 yards from this tee.
- With a new forward tee, the length of the fairway can be reduced. This turf will be re-used for fairway expansion.
- The first set of bunkers, right and left off the tees, will be turned horizontal to the line of play and jut slightly into the fairway. The bunkers will also be reduced in size. This is intended to add strategy to the tee shot rather than simply present peripheral “traps”, and to reduce the total amount of sand area throughout the course, which will be a consistent theme. The fairway mowing pattern will also be adjusted accordingly.
- Bulk material and mounds will be removed from the green surrounds. This includes elimination of the bunker behind the green, which will be replaced with a steep bank of rough grass. This will also allow for introduction of a fall-off to short grass (fairway) on the front-right corner of the green. Bulk material removed from the green surrounds may be used to extend the back tee (add length) at the 5th hole.
- The large bunker short right of the green will be eliminated and replaced with a much smaller bunker within an expanded fairway area. This bunker is intended to serve mainly as a hazard for those golfers trying to drive the green and/or drive as close to the putting surface as possible. The existing spruce trees between the 4th green and 5th tees will be preserved for safety and separation.
- The left greenside bunker will also be reduced in size, split into two separate sand hazards.
- It is also planned to plant new hardwood trees in the right and left rough short off the tees. Appropriate species and proper locations for the new trees will be determined over the coming months.





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Hole # 4 Current View



Hole # 4 After Improvement





Course Improvement Project Phase 1

HOLE # 9

KEY OBJECTIVES	CHANGES
<ul style="list-style-type: none">• Reduce bunker footprints, improve bunker drainage	<ul style="list-style-type: none">• Bunker footprint will be reduced and bunker drainage improved• Fairway bunkers and locations will be modified, greenside bunkers and surrounds will be remodeled/eliminated
<ul style="list-style-type: none">• Fix drainage to improve turf health and golf playability	<ul style="list-style-type: none">• There are no significant fairway drainage issues to be addressed
<ul style="list-style-type: none">• Improve putting green turf quality by fixing traffic issues around green complexes• Make the course distinctive while retaining its challenge and enhancing enjoyment	<ul style="list-style-type: none">• Reduce wear on the greens by adding entrance and exit points to more effectively spread wear and reduce turf stress, and expand the green slightly thus providing additional pin locations which will also reduce wear and present more variety

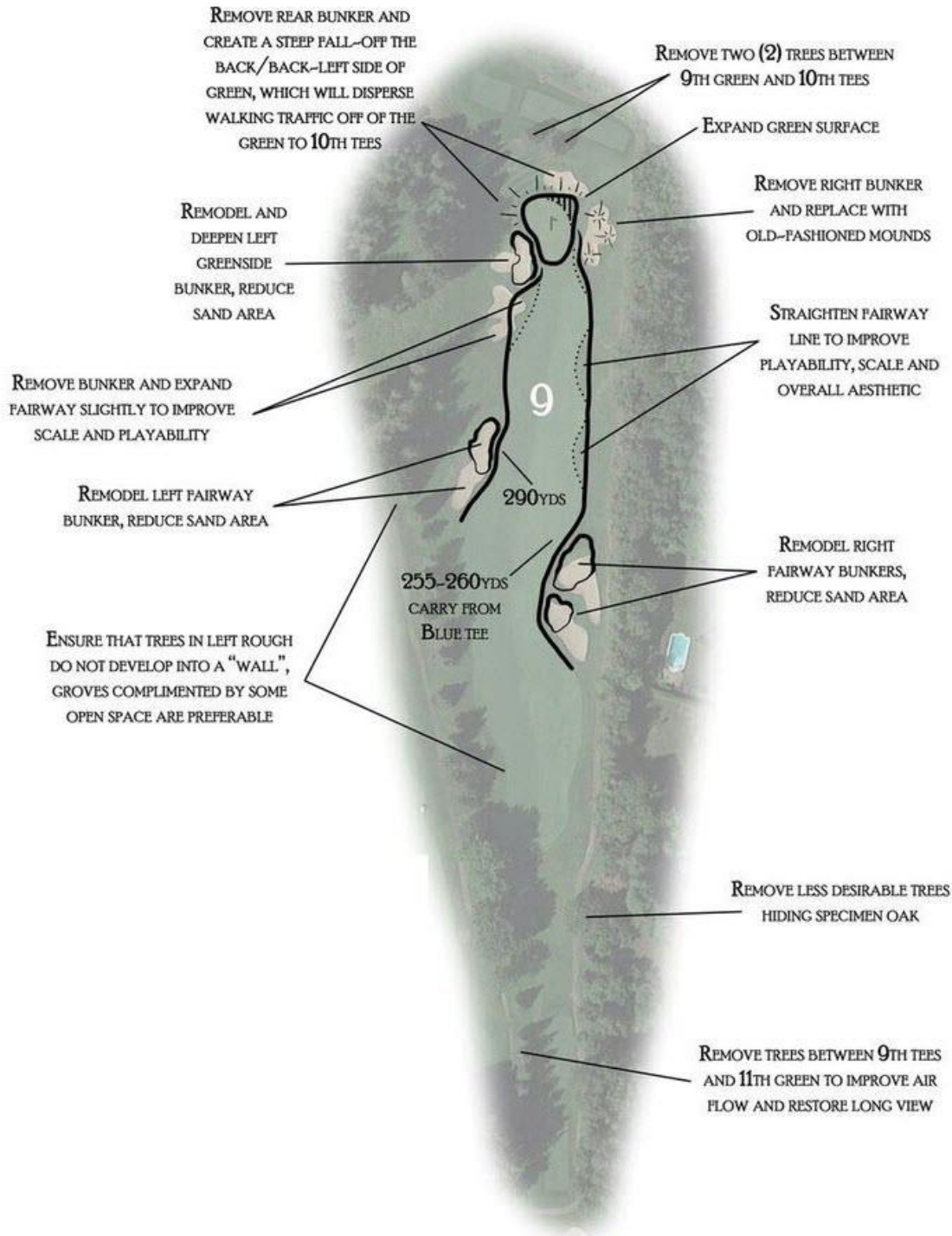
HOW WE WILL DO IT

- Two declining evergreen trees will be removed to showcase a specimen oak on the right side of this hole, just ahead of the teeing area. This will also ensure that the evergreens to be removed do not negatively affect the development of this oak.
- The fairway bunkers will be remodeled in approx. their current locations but reduced in size.
- The bunker short-left of the green will be eliminated and the fairway mowing pattern will be adjusted accordingly.
- The left greenside bunker will be remodeled and reduced in size.
- The right greenside bunker will be eliminated and replaced with a cluster of mounds. This will assist with more effectively dispersing walking traffic in the green area and, in turn, reducing wear. The back bunker will also be removed along with bulk material to replace the bunker with a steep fall-off to rough grass (hazard) behind the putting surface. Removal of the back bunker will most effectively disperse traffic enroute to the 10th hole.
- With the removal of the back bunker, the green will be expanded slightly into the flat at back-right to create more pin positions on a putting surface that is lacking a variety of hole locations.
- Two evergreen trees between the 9th green and 10th tees will be removed and replaced with a single hardwood intended to grow into a more attractive specimen.





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HOLE # 10

KEY OBJECTIVES	CHANGES
<ul style="list-style-type: none">• Reduce bunker footprints, improve bunker drainage	<ul style="list-style-type: none">• Bunker footprint will be dramatically reduced and bunker drainage improved• Greenside bunkers and surrounds will be remodeled
<ul style="list-style-type: none">• Improve putting green turf quality by fixing traffic issues around green complexes	<ul style="list-style-type: none">• The removal of the greenside mounds will better disperse the traffic around this green
<ul style="list-style-type: none">• Fix drainage to improve turf health and golf playability	<ul style="list-style-type: none">• There are no current fairway drainage issues on this hole
<ul style="list-style-type: none">• Make the course distinctive while retaining its challenge and enhancing enjoyment	<ul style="list-style-type: none">• Improve the playability not only by significantly reducing the total amount of sand but also widening the fairway approach to the green

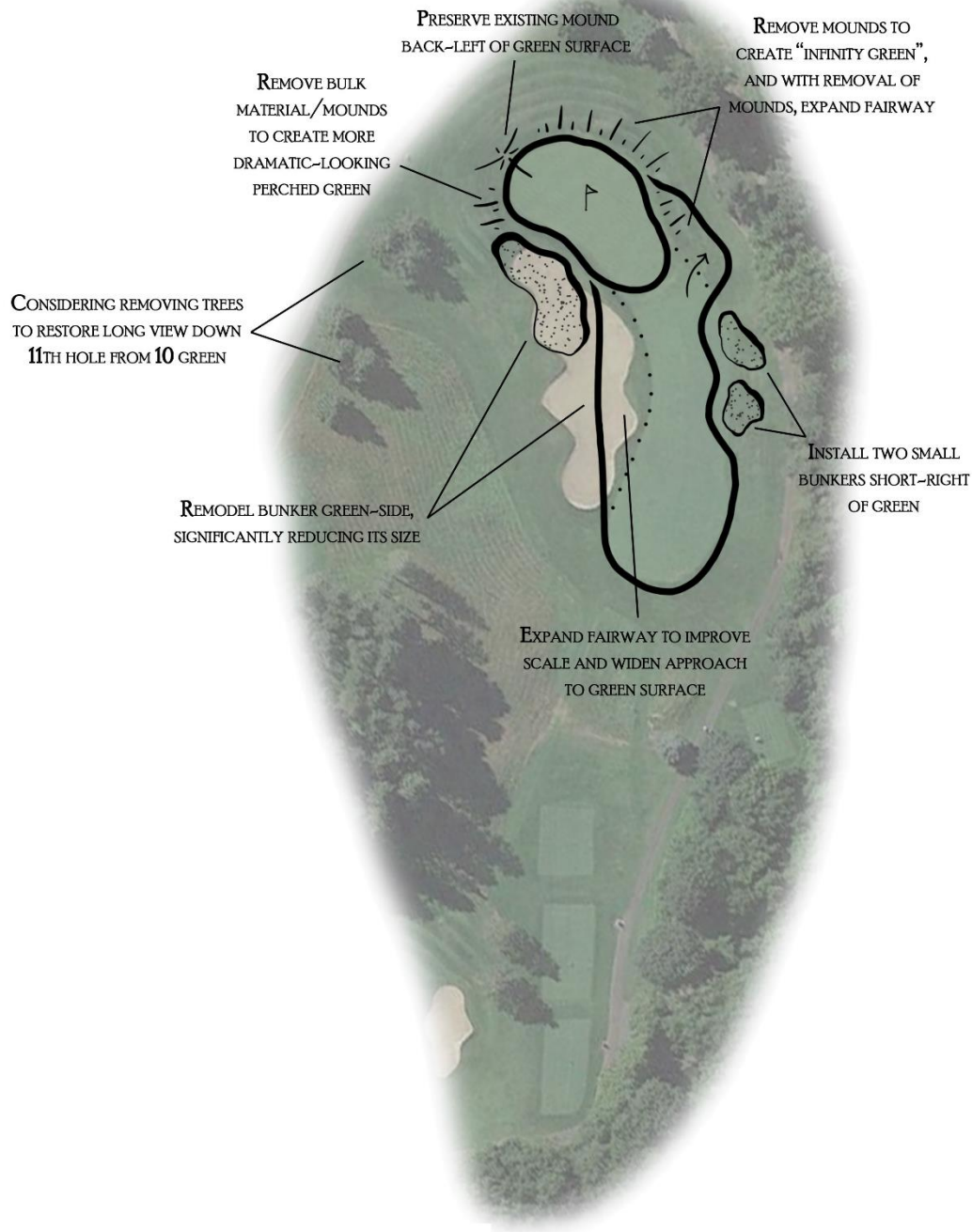
HOW WE WILL DO IT

- The massive bunker fronting the green on the left will be significantly reduced in size. The length of the fairway will also be reduced. This turf will be re-used to expand the fairway left, into the area where the large bunker exists now, widening the approach into the green.
- Bulk material and mounds will also be removed from the green surrounds and replaced with a steeper bank, covered with rough grass, closer to the edge of the putting surface on three sides — right, back and left. The fairway will also be expanded slightly on the front-right corner of the green.
- Two small bunkers will be cut into mounds short-right of the green for aesthetic reasons, to mask the cart path and catch some errant shots heading out-of-bounds. Presumably, these bunkers will not be played from very often. So, they will require very little maintenance.
- Removing trees left of the 10th green to restore a long view down the 11th hole from 10 green is not a priority and will not happen this season. This recommendation will continue to be discussed with committee and Board members.





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Hole # 10 Current View



Hole # 10 After Improvement





Course Improvement Project Phase 1

HOLE # 12

KEY OBJECTIVES	CHANGES
<ul style="list-style-type: none">• Reduce bunker footprints, improve bunker drainage	<ul style="list-style-type: none">• Bunker footprint will be dramatically reduced and bunker drainage improved• Greenside bunkers and surrounds will be remodeled
<ul style="list-style-type: none">• Improve putting green turf quality by fixing traffic issues around green complexes	<ul style="list-style-type: none">• Reduce wear on the greens by adding entrance and exit points to more effectively spread wear and reduce turf stress
<ul style="list-style-type: none">• Fix drainage to improve turf health and golf playability	<ul style="list-style-type: none">• Fairway drainage will be addressed
<ul style="list-style-type: none">• Make the course distinctive while retaining its challenge and enhancing enjoyment	<ul style="list-style-type: none">• Improve the playability for golfers of all abilities• To preserve the beautiful stand of oak trees that are starting to block the RHS of the green, move the fairway slightly to the left creating a small dogleg. This will require some earth moving to create the additional fairway section and realign the hazard along the LHS plus some select trees will need removed. New specimen trees will be planted in the section further forward between the 12th and 13th fairways.

HOW WE WILL DO IT

- To preserve the beautiful stand of oak trees short-right of the green, the fairway will be shift left. This will require the removal of the large fairway bunker and select trees in the left rough. Shifting the fairway left will also bring the valley between the 12th and 13th holes more into play as a hazard off the tees at the 12th.
- Shifting the fairway left may also require some work at the tees, to properly align tee shots to the new centre line. If need be, this work can be done in the future, in conjunction with work at the 11th green. There is also opportunity to add some length to the 12th hole, which will also continue to be discussed with committee and Board members.
- The grass swale crossing this hole will be piped and covered to create a continuous fairway.





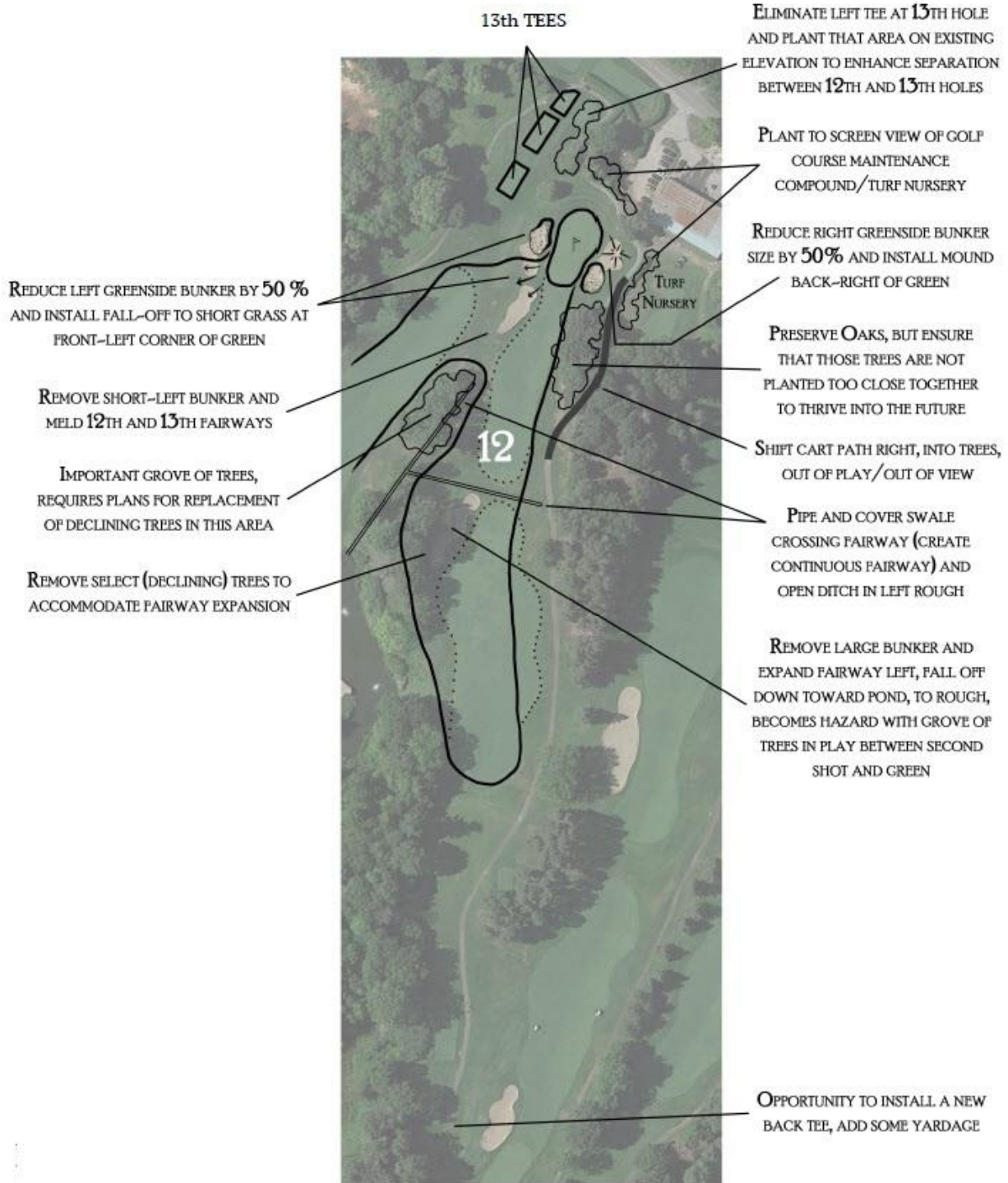
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- The grove of trees just beyond the existing bunker, between the 12th and 13th holes, should be enhanced with new plantings of hardwood trees. Appropriate species and proper locations to be determined over the coming months.
- Work (trimming/select removals) should also be done to ensure that the aforementioned grove of oaks short-right of the green develop properly and remain healthy trees.
- Greenside bunkers, right and left, will both be reduced in size by half. The right bunker will guard the front-right side of the green, with a mound installed behind it. The left bunker will guard the back-left section of the green. The bunker short-left of the green will also be removed and replaced with a fall-off to short grass (fairway) that will be melded with the adjacent 13th fairway.





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HOLE # 13

KEY OBJECTIVES	CHANGES
<ul style="list-style-type: none">• Reduce bunker footprints, improve bunker drainage	<ul style="list-style-type: none">• Bunker will be remodeled to match the architectural style for the course.
<ul style="list-style-type: none">• Fix drainage to improve turf health and golf playability	<ul style="list-style-type: none">• Minor fairway drainage issues will be addressed in a future phase

HOW WE WILL DO IT

- The greenside bunker will be remodeled in its current location to match the architectural style to be implemented at holes 4, 8, 9, 10 and 12 during this phase of the long-range Master Plan project.
- A continuous fairway will also be created by removing the rough that crosses this hole short of the green. This rough does not add to the challenge for better golfers and disallows higher handicap players from running the ball onto the green along the ground.

NOTE: There is no design drawing for #13 since the work being done is very minor.





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EXAMPLES OF BUNKER STYLE

"Our intent is to create a remarkable variety of bunkers. Some will be small, others large. Some will be shallow, others deep. Bunker shapes will also vary. Some will have simple shapes, others will be more elaborate. Note that it's possible to create this type of variety and also retain "harmony" of design style throughout the course." – Jeff Mingay, Golf Course Architect

For examples of projects by Jeff Mingay, visit www.jeffmingay.com.

TPC Old White, Greenbrier





Course Improvement Project Phase 1

Laval-sur-le-Lac



Victoria Golf Club





Course Improvement Project Phase 1

Overlake Golf and Country Club

