



# City of San Diego

Public Works Department / Park and Recreation Department

Municipal Golf Committee, February 20, 2014

General Development Plan and Proposed Improvements  
Torrey Pines North 18-Hole Golf Course



# Introductions



## City of San Diego Staff

Mark Marney – Deputy Director, Golf Division  
Paul Cushing – Asst. Deputy Director, Golf Division  
Kevin Oliver – Project Officer II, Public Works  
Todd Schmit – Project Manager, Public Works



SCHMIDT DESIGN GROUP, INC.

## Schmidt Design Group, Inc.

Glen Schmidt, FASLA - President  
JT Barr, RLA – Principal



## Phil Mickelson Design

Michael Angus – Design Director

# Agenda

- Introduction
- Scope of Work
- Project Process
- Guiding Principles
- General Development Plan
- Questions and Discussion



# Scope of Work-Summary

1. Update the North Course to continue to accommodate daily play, while improving overall conditions for professional tournament play.
2. Rebuild all 18 greens, greenside bunkers, and the practice green to USGA specifications.
3. Restore all other greens to their original size and configuration, creating multiple tournament pin locations.





# Scope of Work-Summary

4. Rebuild/revise/ relocate all fairways bunkers.
5. Add/rebuild/separate tournament tees.
6. New state-of-the-art high efficiency irrigation system.
7. Add a continuous cart path system.
8. Other improvements as identified during analysis.

# Project Process



# Project Process



## 1. Community Meeting #1

- December 18, 2012
- Project Introduction
- Guiding Principles Discussion



## 2. Community Meeting #2

- January 10, 2013
- Open House Format
- Review of preliminary designs for Holes 1, 2, & 3



## 3. Community Meeting #3

- September 10, 2013
- Presentation of General Development Plan

# Project Process

## APPROVALS

### 1. Design Review Committee

- October 9, 2013
- Unanimous Approval

### 2. Park & Recreation Board

- November 21, 2013
- Unanimous Approval





# Project Process

<u>Process</u>	<u>Completion</u>	<u>Date*</u>
General Development Plan (GDP)	Fall	2013
Design Review Board	Fall	2013
Park & Recreation Board	Fall	2013
Entitlement Permitting	Spring	2014
Final Design	Spring	2015
Improvements Complete	Fall	2015

Dates are Approximate

# Technical Studies

1. Biology Report
2. Archaeology Report
3. Existing Tree Inventory



# Guiding Principles



# Guiding Principles

1. Extremely Playable and Fun for the Resident Golfer.
2. Suitable for Tournament Play.
3. Integrate the Surrounding Coastal Landscape to Visually Enhance the Golf Course.
4. Maintain or Reduce Maintenance and Operational Costs.
5. Public Input. Understanding and Collaboration.

# General Development Plan



# **General Development Plan**

## **Key Elements & Opportunities**

1. Tee Relocation and Tee Yardage Options Added
2. Fairway Widths and Locations Modified
3. Bunkers Relocated and Rebuilt
4. Greens Rebuilt and Some Relocated
5. Continuous Cart Path Added
6. Replace 22 Acres of Turf with Coastal Landscape

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# 1. Tee Relocation and Tee Yardage Options Added





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## 2. Fairway Widths and Locations Modified



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### 3. Bunkers Relocated and Rebuilt



3

2

1

215 yards

235 yards

Existing conditions

### 3. Bunkers Relocated and Rebuilt



Existing conditions

#1

### 3. Bunkers Relocated and Rebuilt



Existing conditions

#1

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## 4. Greens Rebuilt and Some Relocated



Existing conditions

#1



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## 5. Continuous Cart Path Added



Right of #1 Tee

# 5. Continuous Cart Path Added

## Routing Considerations

1. Allow for play in inclement weather
2. Minimize visual impact
3. Improve player safety
4. Minimize interference with players walking the course
5. Visually engage the coastal bluffs and Pacific Ocean



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6. **Replace 22 Acres of Turf with Coastal Landscape**

# Turf Reduction & Canyon Landscape



1960

# Turf Reduction & Canyon Landscape



2013



CANYON EDGE LANDSCAPE

COURSE EDGE LANDSCAPE

Landscape Concept



**CANYON EDGE LANDSCAPE**

**COURSE EDGE LANDSCAPE**

Landscape Concept





Landscape Concept

TREES:



**Torrey Pine**  
*Pinus torreyana*



**Brisbane Box**  
*Lophosolen macrocarpa*



**Monterey Cypress**  
*Cupressus macrocarpa*



**Canary Island Pine**  
*Pinus canariensis*

**PLANT LEGEND**

The following plant palette is inspired by the coastal chaparral that embraces the western and northern edges of the golf course. The palette is comprised of native and drought tolerant species to provide a seamless transition between the golf course and adjacent open space. A detailed description of each palette has been provided below.

**TREES SUCH AS:**

The tree palette represents a blend of coniferous and broad leaved species. The proposed trees will provide continuity by reflecting the current blend of species found on the course.

<b>Botanical Name</b> <i>Pinus resinosa</i> <i>Cupressus macrocarpa</i> <i>Lophosolen confertus</i> <i>Pinus canariensis</i> <i>Pinus halepensis</i> <i>Pinus pinaster</i> <i>Pinus rostrata</i> <i>Pinus torreyana</i> <i>Ulmus americana californica</i>	<b>Common Name</b> White Aster Monterey Cypress Brisbane Box Canary Island Pine Aleppo Pine Stone Pine Indian Longleaf Pine Torrey Pine California Oak
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**SHRUBS AT COURSE EDGE SUCH AS:**

This palette represents a durable range of species capable of withstanding the rigors of the adjacent golf course. These plants are native or drought tolerant and will be strategically grouped in small masses throughout the edges and interior of the course. The mixing will be set within a freely eroded sandy surface emulating the colors and textures adjacent bluff.

<b>Botanical Name</b> <i>Baccharis pilularis</i> <i>Eriogonum fasciculatum</i> <i>Muhlenbergia rigens</i> <i>Leymus condensatus</i> <i>Yucca whipplei</i> <i>Gambelia speciosa</i>	<b>Common Name</b> Coyote Brush Common Buckwheat Deer Grass Giant Rye Grass Chaparral Yucca Shore Island Snapdragon
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SHRUBS AT CANYON EDGE:



**Tickseed**  
*Coreopsis californica*



**Sea Lettuce**  
*Dudleya confertifolia*



**Manzanita Species**  
*Arctostaphylos* spp.



**Wild Lilac**  
*Ceanothus* spp.

**SHRUBS AT CANYON EDGE SUCH AS:**

This palette reflects the diverse range of native species found throughout the coastal bluffs that frame the course. They will be located adjacent to the existing coastal chaparral in areas that are not accessible to golfers.

<b>Botanical Name</b> <i>Arctostaphylos</i> spp. <i>Artemisia californica</i> <i>Asteriscus lucidus</i> <i>Baccharis pilularis</i> <i>Ceanothus</i> spp. <i>Coreopsis californica</i> <i>Crotophyne californica</i> <i>Dudleya confertifolia</i> <i>Eriocela californica</i> <i>Eriogonum fasciculatum</i> <i>Heterocentrus atrovirens</i> <i>Isomera arbores</i> <i>Lafus scoparius</i> <i>Melicope laurina</i> <i>Minuartia juncea</i> <i>Muhlenbergia rigens</i> <i>Opuntia littoralis</i> <i>Rhus integrifolia</i> <i>Ribes viburnifolium</i> 'Spencer's Mass'	<b>Common Name</b> Manzanita Species California Sagebrush Crabwood Dwarf Coyote Brush Wild Lilac Tickseed Black Bush Sea Lettuce California Eriocela California Buckwheat Toyon Buddlerpod California Deer Weed Laural Sumac Red Monkey Flower Deer Grass Shore Cactus Layonville Berry San Diego Evergreen Cunant Black Sage
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**SEED MIX SUCH AS:**

A native seed mix will be used on steep slopes to minimize erosion. This seed mix is also a reflection of the species found throughout the adjacent coastal chaparral.

<b>Botanical Name</b> <i>Artemisia californica</i> <i>Eriocela californica</i> <i>Eriogonum fasciculatum</i> <i>Isomera arbores</i> <i>Lafus scoparius</i> <i>Minuartia juncea</i> <i>Muhlenbergia rigens</i> <i>Salvia mellifera</i>	<b>Common Name</b> Coyote Brush California Buckwheat California Buckwheat Buddlerpod Buddlerpod California Deer Weed Laural Sumac Red Monkey Flower Deer Grass Black Sage
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SHRUBS AT CANYON EDGE:



**California Sagebrush**  
*Artemisia californica*



**Black Bush**  
*Corethrogyne californica*



**California Deer Weed**  
*Lafus scoparius*



**Red Monkey Flower**  
*Minuartia juncea*

**TURF GRASS**

Approaches, Fairways and Rough

<b>Botanical Name</b> <i>Panicum</i>	<b>Common Name</b> Buddlerpod
<b>Greens</b> <b>Botanical Name</b> <i>Poa annua</i>	<b>Common Name</b> California Deer Weed Red Monkey Flower Deer Grass Black Sage
<b>Tees</b> <b>Botanical Name</b> <i>Bermuda</i>	<b>Common Name</b> Buddlerpod

SHRUBS AT COURSE EDGE:



**Chaparral Yucca**  
*Yucca whipplei*



**Island Bush Snapdragon**  
*Gambelia (Galvezia) speciosa*



**Common Buckwheat**  
*Eriogonum fasciculatum*



**Giant Wild Rye**  
*Leymus (Elymus) condensatus* 'Canyon Pinole'



**Coyote Brush**  
*Baccharis pilularis* 'Pigeon Point'



**Deer Grass**  
*Muhlenbergia rigens*





Existing Holes 1 thru 10



Proposed Holes 1 thru 10



Proposed Hole 1 View



**Hole 1**



Proposed Hole 3 View





**Hole 3**



Existing Holes 11 thru 17



Proposed holes 11 thru 17



Hole 11 View



**Hole 11**



Hole 18



Proposed Hole 18 as Par 4 with Future Clubhouse



Maintenance

Practice  
Facility

Future Practice Facility and Maintenance Area



# Torrey Pines North

## Phil Mickelson's Vision

1. Reduce turf, save water and maintenance costs.

***SUSTAINABLE***

2. Improve playability by adding tee options, strategic bunker locations, opening greens up for mid-high handicap players, while improving the challenge for better players.

***ENJOYABLE***

3. Provide modern, sustainable course on one of the world's most popular golf venues, and enhance Torrey Pines North's natural setting and beauty of the San Diego native coastline.

***MEMORABLE***

# Thank You!





Proposed Tee Signage



Proposed Tee Yardage Marker



Movable Benches at Tees

Proposed Materials