Creating a Landscape Called Home

A Liveable Landscape Design for Red Cashion in Traditions Golf Club, Bryan, Texas

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DESIGN GOALS
Site Master Plan

Opportunities

Access
1. Provide a welcoming entrance from road.
2. Limit side access to the grounds from neighboring property.
3. Protect property from stray golf balls & golfers.
4. Provide for homeowner access to grounds and golf course.

Views
5. Screen views for privacy.
6. Afford views of main views. 

Enhancements
7. Locate outdoor entertainment areas.
8. Present color spots within landscape.
10. Use natural or adapted vegetation.
11. Limit irrigation areas.

Solutions

Access
1. Screen unsightly infrastructure. Open up access to front door with wider entry, color and motion in vegetation.
2. Use native thicket to limit access Fence off easily accessible points Remote control gate access on cart path
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4. Cart path and driveable sidewalk areas.

Views
5. Native thicket used to screen side views Screened vegetation used to partially block front yard entertaining area.
6. Trim up native trees and lower understory Clean vegetation of undesired non-native and invasive vegetation.

Enhancements
7. Back overflow entertainment patio with outdoor grill and hot tub Front alternate sitting area
8. Colorful native vegetation used around house and in locations within existing stands Swaths of grasses used for screen and motion Trellis used along garage wall for heat reduction and color Seasonal color and variety in native prairie/ wildflower reestablishment
9. Existing vegetation retained where possible
10. Native vegetation used where possible
11. Limited turf areas

Natural Systems
12. Protect neighboring property from runoff
13. Collect rainfall at various points for slow dispersal
14. Control erosion and stabilize slope
15. Protect native vegetation where possible
16. Provide habitat for variety of wildlife

Project Goals
Create a residential landscape setting that:
- Enhances the beauty of the property and residence,
- Is harmonious within context of planned community and natural setting,
- Is not only aesthetically pleasing and economically valuable but makes a contribution environmentally,
- Provides for homeowner interest and outdoor uses of the landscape, and
- Minimize maintenance and safety issues.
Site Perspectives

1: Front Entrance

2: Front Plaza Entrance

3: Front Plaza from Driveway

Site Master Plan

- Natural Area
- Prairie
- Wildflowers
- Gate
- Detention Pond
- Grill
- Hot Tub
- Cart Path
- Alternate Seating Area
- Trellis
- Bio-Swale
- Fence

Scale

0 20 40 60 80
SITE SECTIONS

Site Master Plan

Section A-A’
Through Cart Path and Entertainment Patio

Section B-B’
Through Cart Ramp and Bio-swale

Section C-C’
Through Driveway, Natural Screening and Pond
IRRIGATION ZONING
Zone Map

Irrigation Details
Water main supplying Hickory Ridge Circle is an 8 in. pipe with between 1350-1500 gpm through a 2.5 in. nozzle with 80 psi.

Water meter to be installed by the city can be whatever size is requested by contractor and would be placed at the intersection between the properties to supply both parcels. Typical is a 1 in. water meter with a 1 in. tap and 1 in. copper tubing which would produce up to 50 gpm.

Irrigation systems are considered contamination sources to potable water systems, city requires a minimum of a double check valve but would prefer either a pressure vacuum breaker or reduced pressure zone.

Quick couplings are recommended in areas needing establishment/drought irrigation for short-term quick hook-up of traditional sprinklers or soaker hoses.

Drip irrigation will require a pressure reducer from 80 psi to 30 psi required to run system and low flow zone valve. Drip also requires 200 filter strainer mesh. Emitters per plant: 20 per large tree, 15 per small tree, 10 per shrub, at least 2 per small perennial.

Regular irrigation of turf area daily during establishment and then only once a week deeply during summer, more infrequently during dormancy.