



**REGULAR MEETING
GOLDEN RAIN FOUNDATION LANDSCAPE COMMITTEE***

**Wednesday, August 14, 2024 – 1:30 p.m.
BOARD ROOM/VIRTUAL MEETING
Laguna Woods Village
24351 El Toro Road, Laguna Woods, CA**

Laguna Woods Village owners/residents are welcome to participate in all open committee meetings and submit comments or questions for virtual meetings using one of three options:

1. Join the meeting in person in the Community Center Board Room.
2. Join the meeting via Zoom at <https://zoom.us/j/99225095454>. Please “Raise Your Hand” during the agenda item you want to speak to. If you have an item NOT on the agenda, please “Raise Your Hand” during the Member Comments agenda item.
3. Email meeting@vmsinc.org any time before or during the meeting. Please use the name GRF Landscape Committee in the subject line of the email. Your name and unit number must be included.

NOTICE AND AGENDA
This Meeting May Be Recorded

1. Call to Order
2. Acknowledgment of Media
3. Approval of the Agenda
4. Approval of Meeting Report for May 8, 2024
5. Chair Remarks
6. Guest Speaker-Matt Davenport, Monarch Environmental Inc.
7. Department Head Update
 - a. CH 6 Update
 - b. Aliso Creek Report
 - c. Charging Station Update
8. Member Comments (Items Not on the Agenda)
9. Response to Member Comments

Items for Discussion and Consideration:

10. Concept Entry Gate Design

Golden Rain Foundation
Landscape Committee
August 14, 2024

Future Agenda Items: *All matters listed under Future Agenda Items are items for a future committee meeting. No action will be taken by the committee on these agenda items at this meeting.*

Concluding Business:

- 11. Committee Member Comments
- 12. Date of Next Meeting – Wednesday, November 14, 2024 at 2:30 p.m.
- 13. Adjournment

*A quorum of the GRF Board, or more, may also be present at the meeting.

Cush Bhada, Chair
Kurt Wiemann, Staff Officer
Megan Feliz, Landscape Administrative Assistant
Telephone: 949-268-2565



OPEN MEETING

**REGULAR MEETING OF THE GOLDEN RAIN FOUNDATION
LANDSCAPE COMMITTEE
WEDNESDAY, May 8, 2024 – 1:30 P.M.
BOARD ROOM / VIRTUAL MEETING
Laguna Woods Village Community Center
24351 El Toro Road**

REPORT

COMMITTEE MEMBERS PRESENT:	Chair – Cush Bhada, Juanita Skillman, Ira Lewis, S.K. Park, Sue Quam, Glenn Miller, Maggie Blackwell (substitute)
COMMITTEE MEMBERS ABSENT:	Anthony Liberatore
OTHERS PRESENT:	None
ADVISORS PRESENT:	None
STAFF PRESENT:	Kurt Wiemann, Megan Feliz

1. Call Meeting to Order

Chair Bhada called the meeting to order at 1:30 p.m.

2. Acknowledgment of Media

No formal press was present.

3. Approval of the Agenda

Director Skillman moved to approve the agenda, and Director Lewis seconded it.
The agenda was approved without objection.

4. Approval of the Meeting Report for February 14, 2024

Director Park moved to approve the agenda, and Director Lewis seconded it.
The report was approved without objection.

5. Chair Remarks

Chair Bhada thanked everyone for coming and announced this was his first meeting as the chair. He hopes to keep the gardens green and to do a good job.

6. Department Head Update

6a. Charging Station Update

Mr. Wiemann provided an update, letting them know that the wall's construction will begin on May 20. The project will take 3-4 weeks to complete. Once completed, the electrical modifications will begin.

6b. West Creek Update

Mr. Wiemann notified everyone that the West Creek cleanup was complete. Two palm trees are still present and will be removed by in-house crews because they are a fire hazard.

7. Member Comments (Items Not on the Agenda)

- Member comment made about Willow Trees
- Member comment made about West Creek

8. Response to Member's Comments

Mr. Wiemann and Director Skillman responded to the member's comment.

Items for Discussion and Consideration

9. Gate Design Schedule

Mr. Wiemann notified the committee that the landscape designer is working on the entry gate project. He should have a layout in the next two weeks and will email the plans to the committee when he receives them.

10. Mulch Agreement

Mr. Wiemann explained the agreement between the City of Laguna Woods and GRF. Mr. Wiemann asked the committee for approval and notified them it would go to the GRF attorney for approval before going to the GRF board. Director Skillman moved the motion, and Director Miller seconded the motion. The motion passed without objections.

Future Agenda Items:

- AB 1572, Gate 11 and Clubhouse 1

Concluding Business:

11. Committee Member Comments

- Director Miller made a comment asking about West Creek.
- Director Lewis is asking for AB 1572 to be added to the future agenda.

12. Date of Next Meeting – Wednesday, August 14, 2024 at 1:30 p.m.

13. Recess at 2:20 p.m.

Cush Bhada

Cush Bhada (May 10, 2024 14:38 PDT)

Cush Bhada, Chair

Cush Bhada, Chair
Kurt Wiemann, Staff Officer
Telephone: 949-268-2565

DAILY MONITORING REPORT

PROJECT & MONITOR INFORMATION			
Project Number: 20905.02		Date: August 2 and 5 2022	
Project Name: Laguna Woods Village		Start time: 0730 / 0700	
Monitor(s): Joanna Kipper		End time: 0230 / 0300	
WEATHER CONDITIONS			
START			
Temperature (°F): 67 / 70	Wind speed (mph): 2-4	Cloud Cover (%): 0	Precipitation (%): 0
END			
Temperature (°F): 86 / 92	Wind speed (mph): 1-2	Cloud Cover (%): 0	Precipitation (%): 0
Water Temps (°F): Water temps were comparable to those sampled on 7/22 and 7/23 (app. 80 to 85 °F).			

SITE INFORMATION		
Site:	Aliso Creek in Laguna Woods	
Site Description:	<p>The project is located within a 0.66 mile portion of Aliso Creek (Creek) that bisects Laguna Woods Village (a 55+ retirement community) in the County of Orange, California. Much of the creek is within Aliso Park and abuts residential/ornamental landscape and hardscape including regularly mowed turf lawns and public pathways. Riparian vegetation within the creeks including cattails (<i>Typha</i> spp.), mugwort (<i>Artemisia douglasiana</i>) willows (<i>Salix</i> spp.), western ragweed (<i>Ambrosia psilostachya</i>), among others. Non-native vegetation included Bermuda grass (<i>Cynodon dactylon</i>) <i>Bromus</i> spp., Spanish sunflower (<i>Pulicaria paludosa</i>), and white sweet clover (<i>Melilotus albus</i>). The Creek receives year round urban runoff, has an average width ranging from 5 to 15 feet and but has several areas that retain slower deeper (>2 ft) ponded water. One male south western pond turtle (<i>Acinemys pallida</i>) was confirmed previously in 2020 (trapped).</p>	
Foreman/Superintendent:	Isreal Ortiz	Contact info: isreal.ortiz@vmsic.org
Crew: 6 Cremembers		

DESCRIPTION OF MAINTENANCE ACTIVITIES

- Maintenance activities scheduled to occur August 5 through 9, 2024 and consist primarily of manual removal of non-native plant and trash along the banks with selective reduction in cattails from key choke points to promote water flow and quality. No heavy equipment, water extraction/diversion, or soil disturbance is proposed. In support of routine maintenance, pre-maintenance survey were conducted 7/22, 7/23, 8/2, and 8/5 for nesting birds and the southwestern pond turtle. Supplemental surveys and monitoring will occur August 5 through 9, 2024.

BIOLOGICAL OBSERVATIONS

- **Nesting Birds:** Bird activity observed on 8/2/2024 was comparable to those observed 7/22 and 7/23, 2024. Birds were observed foraging, feeding fledglings, and flying through vegetation. No nesting bird activity observed. Two additional bird species were observed in addition to the thirty six avian species observed 7/22 and 7/23 and are hooded oriole (*Icterus cucullatus*) and red-winged blackbird (*Agelaius phoeniceus*).
- **Aquatic Wildlife/SWPT:** Three red-eared sliders (*Trachemys scripta elegans*) were observed within several ponded areas of the Creek. No other turtle species were observed.

However, surveys will continue prior to and throughout maintenance to verify permit compliance with regards to avoidance and minimization measure.

Non-Native Wildlife Species: No additional non-native species than those observed on 7/22 and 7/23 were observed. For reference those aquatic species observed on 7/22 and 7/23 were American bullfrogs (*Lithobates catesbeianus*), goldfish (*Carassius auratus*), green sunfish (*Lepomis cyanellus*), red-eared slider, and red swamp crawfish (*Procambarus clarkia*). Two non-native birds observed were pin-tailed whydah (*Vidua macroura*) and scaly breasted munia (*Lonchura punctulate*).

CONCLUSIONS & RECOMMENDATIONS

- Continued biological monitoring throughout maintenance.

Species Observed: See Attached.

Sensitive Species Observed: None

Pre-Maintenance Survey Summary Report

Aliso Creek Routine Maintenance Summer 2024

CHAMBERS
GROUP

July 25, 2024

3151 Airway Avenue Suite F208
Costa Mesa, CA 92626

20905.02

Kurt Wiemann, Director of Landscape Services
Golden Rain Foundation
PO Box 2220
Laguna Woods, CA 92637

Subject: Initial Pre-Maintenance Survey Summary Report in Support of Routine Maintenance (Summer 2024) within Aliso Creek, Laguna Woods Village, CA

Dear Mr. Kurt Wiemann:

Chambers Group was retained by Golden Rain Foundation (GRF) to conduct a pre-maintenance survey for southwestern pond turtle (*Actinemys pallida*, SWPT), within a 0.66-mile portion of Aliso Creek (Creek) that bisects the Laguna Woods Village residential community, Orange County, California (Figure 1. Project Location Map). From 2013 to 2024 GRF has been conducting routine maintenance within Aliso Creek in accordance with the California Department of Fish and Wildlife (CDFW) Streambed Alteration Agreement (SAA) (notification number 1600-2013-0151-R5), while also referencing the Southwestern Pond Turtle Avoidance and Mitigation Plan for Laguna Woods (Endemic Environmental Services, Inc. 2020) (SWPT Plan) and the 2022 Herbicide Use Plan (Chambers Group) for additional guidance. The SAA permit expires August 31, 2024.

Maintenance activities are necessary for flood control, public safety, and general ecosystem health and sustainability. The Creek receives substantial upstream inputs throughout the year, particularly during heavy rains events, which are attributed to inputs of trash/debris, sediment, and non-native plants species. Native southern cattails (*Typha domingensis*) also form dense monoculture thickets with densely entangled subterranean rhizome systems, that inhibit water flows, restrict natural recruitment of other native riparian and emergent marsh vegetation, and prevent the formation of natural pools of open water. Water is present year-round, however a main source of water in summer months is urban runoff.

Maintenance efforts are to occur August 5 through August 9, 2024, and include selective vegetation reduction (i.e., non-native plants and cattails) and trash/debris removal. Manual soil recontouring/removal activities to return Creek channel to pre-flooding conditions within 20 feet of each of the two existing pedestrian crossings to maintain function of the crossing structures in support of public safety and flood control also occurs as needed. Although no soil work is anticipated during the August 2024 event as there have not been recent flooding/heavy rains. No permanent impacts to Creek bed or banks, use of heavy equipment, water diversions, water extraction, or installation of flood diversion devices (e.g., rip-rap fields) are proposed. No gas-powered equipment is operated in the Creek channel (areas of flowing water).

A single male SWPT was documented within the maintenance area in 2020, suitable habitat is present within the maintenance area, and SWPT are known to occur downstream of the maintenance area in Aliso Creek. Therefore, pre-maintenance surveys for SWPT are required (within 15-30 days per the SWPT Plan) prior to the start of maintenance activities.

The California Fish and Game code 3503 and the 1918 Migratory Bird Treaty Act (MBTA) protect nesting native and migratory birds from February 15 through August 31. Supplemental nesting bird surveys will be conducted within 5 days prior to the start of maintenance in accordance with Project permit conditions. However nesting bird activity is also noted during SWPT surveys when observed in support of future survey and monitoring efforts. The purpose of the survey was to identify SWPT and nesting birds within the proposed work area and surrounding buffers that could potentially be impacted by the maintenance efforts and establish avoidance and minimization buffers where work would not occur. Supplemental surveys for nesting birds and SWPT will occur August 2nd and throughout the



Pre-Maintenance Survey Summary Report

Aliso Creek Routine Maintenance Summer 2024



maintenance event August 5 through August 9. The results of the July 22 and 23rd survey is presented below. Site photographs are provided in Attachment A.

Project Location

The portion of the Creek maintained by the GRF in accordance with the Agreement extends from Moulton Parkway to the west, bisected by Avenida Sevilla Road crossing and terminate under Paseo de Valencia to the east. The portion of Creek north of Avenida Sevilla Road is within close proximity to public parks, residential landscape/hardscape, and walking trails without any fencing or barriers.

Methods

Approval to conduct maintenance efforts was received by CDFW following advanced written notification submitted to CDFW Wednesday July 17, 2024. A pre-maintenance survey was conducted on July 22 and July 23, 2023, by Chambers Group biologists Joanna Kipper. The biologist visually (with binoculars) surveyed accessible areas with suitable habitat (including 300-foot buffers where possible) for SWPT within the Project work area. Particular attention was paid in and around ponded waters and on south-facing slopes with friable soils where burrows could be located. The biologist started at the north end of the site and progressed downstream primarily walking the upper portions of the banks. The biologist occasionally entered the channel via sandbars (not open water) or on boulders when necessary (e.g., vegetation along the edges obstructed views). Caution and a slower pace were used when approaching potential basking sites and ponded areas and more survey time was provided for these areas. Ponded areas were surveyed at least two times during the survey effort each day. Due to private property concerns, private residences were excluded from the survey area. Steep slopes (typically with dense ornamental vegetation) were also excluded for safety concerns and inaccessibility. General plant and wildlife observations were also made.

Results

The pre-maintenance survey was conducted between 0730 and 0245 hours on July 22 and from 0700 to 0245 hours on July 23, 2024. Weather conditions were appropriate for visually observing both SWPT and nesting bird activity. Air temperatures at the start of the surveys were approximately 70 degrees Fahrenheit (°F) with winds blowing less than 5 miles per hour, clear skies, and zero precipitation. Weather conditions at the end of the surveys were approximately 88°F with winds less than 5 miles per hour, clear skies, and zero precipitation. Water temperatures taken at depths of 4 inches (10 cm) in the shade (at five locations) on July 22 ranged from 79.5 to 84.5 °F. Water depth was less than 18 inches on average when not associated with a pool or ponded area. Water flow width ranged from approximately 5 to 10 feet when not associated with a pool or ponded area. Water clarity was high with visibility to the Creek bottom in most areas (aside from a few deeper ponded areas when depths were greater than 3 feet). A mix of native riparian and non-native (weeds and ornamental) vegetation line the Creek banks with cattails dominating the emergent marsh vegetation in the wetter portions of the Creek bed.

Nesting Birds: Overall bird activity was moderate throughout the day with 34 native bird species observed (Attachment B Wildlife Species Detected). Individuals were observed displaying territorial behaviors, foraging, feeding fledglings, and flying through vegetation. No nesting bird activity observed. No federal or state endangered or threatened species were observed. Two non-naive birds were observed foraging: Six pin-tailed whydah (*Vidua macroura*) and five scaly breasted munia (*Lonchura punctulata*).

Aquatic Wildlife/Turtles: No SPWT were observed throughout the maintenance area. However, five red-eared sliders (*Trachemys scripta elegans*) were observed within three ponded areas of the Creek. The following five additional non-native aquatic species were also observed throughout the Creek: American bullfrogs (*Lithobates catesbeianus*), goldfish (*Carassius auratus*), green sunfish (*Lepomis cyanellus*), red shiners (*Cyprinella lutrensis*), and red swamp crayfish (*Procambarus clarkia*). Several active green sunfish spawning sites were also observed. Green sunfish were the dominant non-native aquatic vertebrate species observed.

Observation to note for future reference regarding SWPT: On July 22 at 0900 an unidentified atypical turtle was observed (with binoculars) from a distance of approximately 20 feet away from the northern side of the Creek's edge.



Pre-Maintenance Survey Summary Report

Aliso Creek Routine Maintenance Summer 2024



It was initially thought to possibly be a SWPT based on certain morphological features including an apparent mottled dark neck (lack of red and yellow coloration on the neck and lack of striations or stripes on the neck) and somewhat round and flat carapace. It was located within a shaded vegetated area of an inaccessible portion of the southern side of the Creek bank with limited sunlight making identification difficult. Therefore, the biologist returned to the area two additional times throughout the day (at 1100 to 1130 and 0115 to 0145) however visual inspection of morphological features continued to be challenged by the survey conditions. Unique features of the turtle that were visible were noted in support of supplemental surveys including damaged/degraded anterior portion of the carapace closer to the neck, substantial algae growth on the carapace, estimated size (8 to 9 inches), and location (approximately 100 feet north of Avenida Seville in an area of ponded/slow moving water).

Chambers Group Biological Joanna Kipper emailed CDFW July 22 and notified them of a potential SWPT in the area and stated supplemental surveys would occur the following day to confirm the species identification. Supplemental surveys the following day July 23 occurred with improved lighting conditions, photographic equipment with zoom lens (NIKKOR 55 – 200mm lens), closer proximity to the turtle (appx. 10 feet), and an increased activity level of the turtle (e.g., swimming and basking in open water and on rocks). The morphological features were determined to be consistent with a melanistic red-eared slider. Faint red and yellow coloration on the neck with striping/striations could be visually observed via binoculars (8 x 42mm) and via supplemental analysis of photographs taken. The marginal scutes along the outer carapace edge at the posterior end were forked with additional serration on the posterior end. This turtle was also estimated to be closer to 9 to 9.5 inches in length (SWPT are typically 6 to 8 inches). Morphological features were also not consistent with western painted turtle (*Chrysemys picta*) or other potential turtles that may occur in the region.

Melanistic red-eared sliders can be confused with SWPT from a distance, therefore taking note of this individual's presence within the Creek may assist with future survey efforts.

Additional observations: One mature coyote (*Canis latrans*) and striped skunk (*Mephitis mephitis*) were observed along the banks in addition to numerous non-native eastern fox squirrels (*Sciurus niger*) primarily utilizing the ornamental tree canopy.

Numerous pedestrians (including dog walkers) were observed utilizing the park turf and footpaths immediately adjacent to the Creek throughout each survey day.

Conclusion

If supplemental pre-maintenance surveys continue to document a lack of SWPT and nesting birds within the work area, no impacts to SWPT or nesting birds are anticipated to occur. Supplemental surveys for SWPT and nesting birds will occur August 2 and throughout the maintenance effort August 5 through August 9, 2024. Supplemental survey results and a post maintenance survey report will be transmitted to CDFW in support of permit compliance.

Please do not hesitate to contact me at (949) 331-2223 at jkipper@chambersgroupinc.com if you have any questions or concerns regarding this letter report.

Sincerely,

CHAMBERS GROUP, INC.

A handwritten signature in black ink, appearing to read "Joanna Kipper", written in a cursive style.

Joanna Kipper

Biologist

Figure 1. – Project Location Map



Pre-Maintenance Survey Summary Report

Aliso Creek Routine Maintenance Summer 2024

Attachment A – Site Photographs

Attachment B – Wildlife Species Detected

CHAMBERS
GROUP



Attachment A– SITE PHOTOGRAPHS JULY 22 and 23, 2024

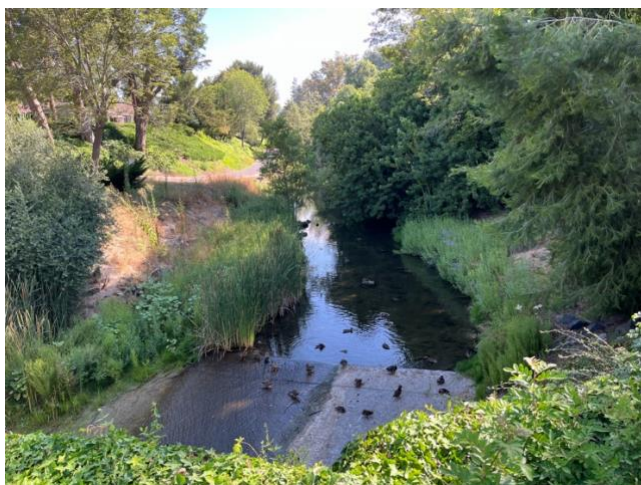


Photo 1.

General site photo taken from Avenida Sevilla Road looking upstream. One of several ponded areas within the Project site. Ornamental/ Residential landscape on right (steep southern bank) and non-native dominated annual vegetation on left (northern bank) adjacent to vehicle maintenance pathway. This pond is the location of the melanistic red-eared slider observed July 22 and 23, 2024.



Photo 2.

General site photo taken from Avenida Sevilla Road looking downstream. Channel is lined with concrete and rock/boulders which transitions to banks of intermittent residential landscape and/or additional concrete/hardscape further downstream.



Photo 3.

Photograph taken on the north side of Creek facing south near Pedestrian Bridge 2. This photograph demonstrates general width of Creek within Aliso Park and proximity to public pathways.

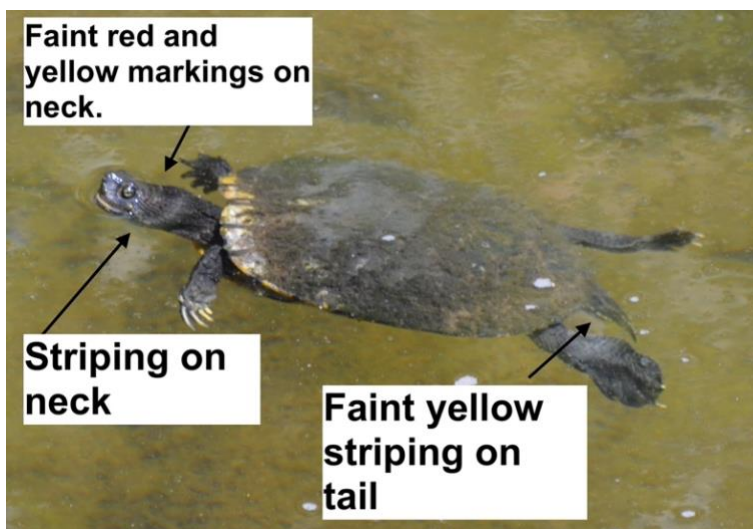


Photo 4.

One observed atypical red-eared slider (melanistic form). From a distance and with poor survey conditions these individuals can be difficult to distinguish between with SWPT. Neck colors were more pronounced during visual/binocular surveys when survey conditions improved differentiating this individual from SWPT. Size of carapace was estimated to be 9 to 9.5 inches (mature SWPT range between 6 and 8 inches).

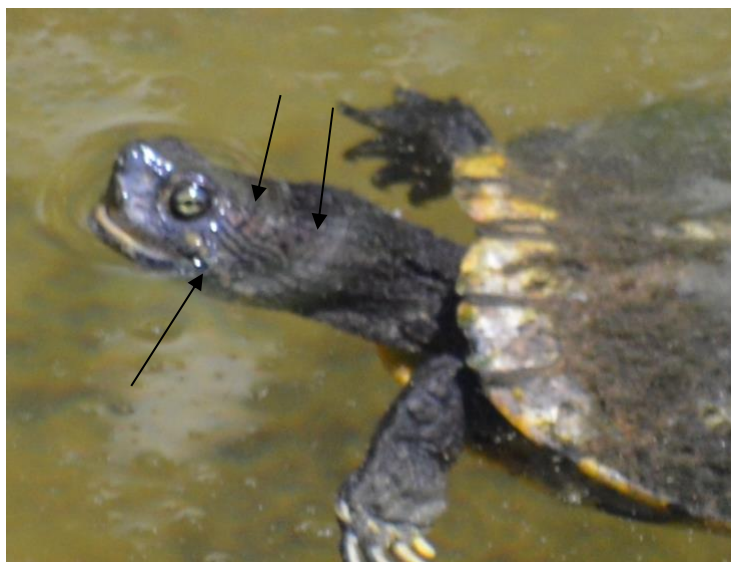


Photo 5.

Striping/striations apparent vs mottled neck of SWPT. Red (above striping pattern) and yellow (below striping pattern) coloration on neck posterior to eye and mouth in line with red-eared slider and not SWPT.



Photo 6.

The marginal scutes along the outer carapace edge at the posterior end of this atypical red-eared slider were forked with additional serration on the posterior end (SWPT are smooth). The tail also had light yellow (faint) markings in line with red-eared slider. The algae on the carapace obscured scute patterns.



Photo 7.

One of five non-native red-eared sliders (typical morphological form) observed. 4 were mature with large carapace (>8 inches) and 1 was immature at around 4 inches.



Photo 8.

Non-native green sunfish guarding spawning site and non-native red shiners.



Photo 9.

One of several non-native red swamp crayfish observed.



Photo 10.

One of four non-native
American bullfrogs observed.
More are likely present.

Attachment B. Wildlife Detected JULY 22 and 23, 2024

Scientific Name	Common Name
CLASS MALACOSTRACA	crustacean
CAMBARIDAE	CRAYFISH
<i>Procambarus clarkii</i>	red swamp crayfish
CLASS INSECTA	INSECTS
NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES
<i>Junonia coenia</i>	Buckeye
<i>Nymphalis antiopa</i>	Mourning cloak
CLASS OSTEICHTHYES	BONY FISH
CYPRINIDAE	CARPS AND MINNOWS
<i>Cyprinella lutrensis</i> *	red shiner
CLASS ACTINOPTERYGII	SUNFISH
<i>Carassius auratus</i> *	common goldfish
<i>Gambusia affinis</i> *	western mosquitofish
<i>Lepomis cyanellus</i> *	green sunfish
CLASS AMPHIBIA	AMPHIBIANS
RANIDAE	TRUE FROGS
<i>Rana catesbeiana</i> *	American bullfrog
CLASS REPTILIA	REPTILES
EMYDIDAE	BOX AND WATER TURTLES
<i>Trachemys scripta elegans</i>	red-eared slider
PHRYNOSOMATIDAE	ZEBRA-TAILED, EARLESS, FRINGE-TOED, SPINY, TREE, SIDE-BLOTCHED, AND HORNED LIZARDS
<i>Sceloporus occidentalis</i>	western fence lizard
ANGUIDAE	ALLIGATOR LIZARDS
<i>Elgaria multicarinata</i>	alligator lizard
CLASS AVES	BIRDS
ARDEIDAE	HERONS, BITTERNS
<i>Butorides virescens</i>	green heron
<i>Ardea alba</i>	great egret
<i>Egretta thula</i>	snowy egret
ANATIDAE	DUCKS, GEESE, SWANS
<i>Anas platyrhynchos</i>	Mallard
ACCIPITRIDAE	HAWKS, KITES, EAGLES
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
COLUMBIDAE	PIGEONS & DOVES
<i>Zenaida macroura</i>	mourning dove
STRIGIDAE	TRUE OWLS
<i>Bubo virginianus</i>	great horned owl

Scientific Name	Common Name
TROCHILIDAE	HUMMINGBIRDS
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
PICIDAE	WOODPECKERS
<i>Picoides nuttallii</i>	Nuttall's woodpecker
TYRANNIDAE	TYRANT FLYCATCHERS
<i>Sayornis nigricans</i>	black phoebe
CORVIDAE	JAYS & CROWS
<i>Corvus brachyrhynchos</i>	American crow
VIDUIDAE	INDIGOBIRDS AND WHYDAHs
<i>Viduidae macroura</i>	Pin-Tailed whydah
AEGITHALIDAE	BUSHTITS
<i>Psaltirparus minimus</i>	bushtit
TROGLODYTIDAE	WRENS
<i>Troglodytes aedon</i>	house wren
TURDIDAE	THRUSHES
<i>Sialia mexicana</i>	western bluebird
<i>Turdus migratorius</i>	American robin
MIMIDAE	MOCKINGBIRDS, THRASHERS
<i>Mimus polyglottos</i>	northern mockingbird
STURNIDAE	STARLINGS
<i>Sturnus vulgaris</i> *	European starling
VIREONIDAE	VIREOS
<i>Vireo huttoni</i>	Hutton's vireo
PARULIDAE	WOOD WARBLERS
<i>Setophaga petechia</i>	yellow warbler
<i>Geothlypis trichas</i>	common yellowthroat
ICTERIDAE	BLACKBIRDS
<i>Euphagus cyanocephalus</i>	Brewer's blackbird
<i>Icterus bullockii</i>	Bullock's oriole
<i>Molothrus ater</i>	brown-headed cowbird
EMBERIZIDAE	EMBERIZIDS
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Pipilo maculatus</i>	spotted towhee
<i>Zonotrichia leucophrys</i>	white-crowned sparrow
FRINGILLIDAE	FINCHES
<i>Spinus psaltria</i>	lesser goldfinch
<i>Spinus tristis</i>	American goldfinch
<i>Carpodacus mexicanus</i>	house finch

Scientific Name	Common Name
ESTRILDIDAE	ESTRILDID FINCHES
<i>Lonchura punctulata</i> *	scaly-breasted Munia
PASSERIDAE	OLD WORLD SPARROWS
<i>Passer domesticus</i>	house sparrow
CLASS MAMMALIA	MAMMALS
SCIURIDAE	SQUIRRELS
<i>Sciurus niger</i> *	eastern fox squirrel
MURIDAE	MICE, RATS, AND VOLES
<i>Mus musculus</i> *	house mouse
CANIDAE	WOLVES & FOXES
<i>Canis familiaris</i> *	domestic dog
<i>Canis latrans</i>	coyote
MEPHITIDAE	SKUNKS
<i>Mephitis mephitis</i>	striped skunk
FELIDAE	CATS
<i>Felis catus</i> *	domestic cat
* Non-native species	



Village Management Services, Inc.

Battery Wall

Kurt Wiemann, Director of Field Operations

August 14, 2024





















































Village Management Services, Inc.

Questions

ID	Task Mode	Task Name	Duration	Start	Finish	2024	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	June 2024	2
0		Laguna Woods Entry Gates	107 days	Mon 4/8/24	Tue 9/3/24																		
1		Kick-Off	1 day	Mon 4/8/24	Mon 4/8/24																		
2		Site Reconnaissance/ Data Review	20 days	Fri 4/12/24	Thu 5/9/24																		
3		Base Plan Development	35 days	Wed 4/17/24	Tue 6/4/24																		
4		Concept Plan	23 days	Tue 6/4/24	Thu 7/4/24																		
5		Layout Approval	7 days	Tue 6/4/24	Wed 6/12/24																		
6		Plant List Approval	7 days	Wed 6/12/24	Thu 6/20/24																		
7		Concept Plan Approval	5 days	Tue 8/6/24	Mon 8/12/24																		
8		Concept Revisions	5 days	Mon 8/12/24	Fri 8/16/24																		
9		Construction Documents	17 days	Mon 8/12/24	Tue 9/3/24																		
10		Design development	9 days	Tue 8/6/24	Fri 8/16/24																		
11		Construction Documents	11 days	Fri 8/16/24	Fri 8/30/24																		
12		Statements of Probable Cost	3 days	Fri 8/30/24	Tue 9/3/24																		

Project: Laguna Woods Entry G Date: Tue 8/6/24	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

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SCALE	1"=10'
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REVISIONS/PLAN LOG

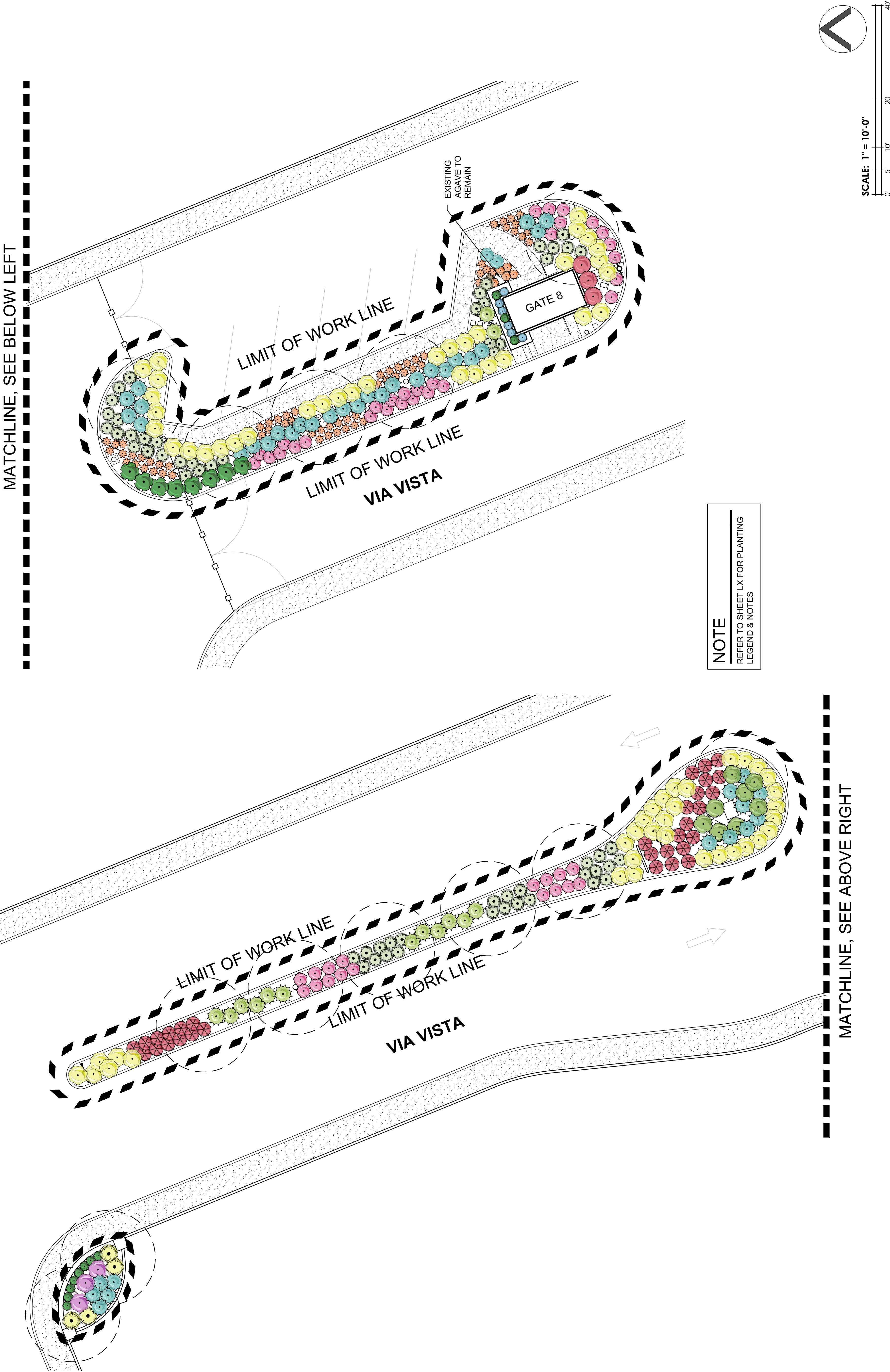
DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
LAGUNA WOODS
VILLAGE ENTRIES
LAGUNA WOODS, CA

SHEET DESCRIPTION
GATE 8
CONCEPTUAL DESIGN



















20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
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SHEET NUMBER	
PROJECT NUMBER	24-008.02
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SANTA MARIA AVE

PLANT LEGEND GATE 8

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	QTY	REMARKS	MATURE HEIGHT	MATURE WIDTH
SHRUBS									
	AR	AGAVE ATTENUATA 'AGAWVS'	RAY OF LIGHT FOXTAIL AGAVE	5 GAL.	LOW	14		3 - 6ft. ht.	3 - 6ft. w.
	AB	AGAVE X 'BLUE FLAME'	BLUE FLAME AGAVE	5 GAL.	LOW	45		18 - 36in. ht.	3 - 6ft. w.
	AS	ALOE STRIATA	CORAL ALOE	1 GAL.	LOW	64		18 - 36in. ht.	1 - 3ft. w.
	BF	BULBINE FRUTESCENS 'ORANGE'	ORANGE BULBINE	1 GAL.	LOW	5		18 - 36in. ht.	1 - 3ft. w.
	CG2	CALANDRINIA GRANDIFLORA	ROCK PURSLANE	1 GAL.	LOW	46		18 - 36in. ht.	1 - 3ft. w.
	CG	CARISSA MACROCARPA 'GREEN CARPET'	GREEN CARPET NATAL PLUM	5 GAL.	LOW	8		6 - 18in. ht.	3 - 6ft. w.
	DL	DIANELLA REVOLUTA 'DR5000'	LITTLE REV™ FLAX LILY	1 GAL.	LOW	6		18 - 36in. ht.	1 - 3ft. w.
	DS	DIANELLA TASMANICA 'SILVER STREAK'	SILVER STREAK FLAX LILY	1 GAL.	MOD	57		18 - 36in. ht.	1 - 3ft. w.
	HP	HESPERALOE PARVIFLORA	RED YUCCA	5 GAL.	VERY LOW	31		3 - 6ft. ht.	1 - 3ft. w.
	HF	HESPERALOE PARVIFLORA 'FLAVA'	YELLOW YUCCA	5 GAL.	VERY LOW	8		3 - 6ft. ht.	1 - 3ft. w.
	LP	LANTANA MONTEVIDENSIS	PURPLE TRAILING LANTANA	5 GAL.	LOW	6		6 - 18in. ht.	6 - 10ft. w.
	LN	LANTANA X 'NEW GOLD'	NEW GOLD LANTANA	5 GAL.	VERY LOW	66		6 - 18in. ht.	3 - 6ft. w.
	LS	LEUCADENDRON X 'SAFARI SUNSET'	SAFARI SUNSET CONEBUSH	15 GAL.	LOW	3		6 - 10ft. ht.	
	PT	PORTULACARIA AFRA 'MINIMA'	DWARF ELEPHANT BUSH	1 GAL.	LOW	19		6 - 18in. ht.	1 - 3ft. w.
	SS	SENECIO SERPENS	BLUE CHALKSTICKS	1 GAL.	LOW	2		6 - 18in. ht.	1 - 3ft. w.
	WM	WESTRINGIA FRUTICOSA 'NFL25'	MUNDI™ COAST ROSEMARY	5 GAL.	LOW	8		18 - 36in. ht.	1 - 3ft. w.

DATE	08/05/2024
SCALE	1"=10'
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CHECKED BY	BM

REVISIONS/PLAN LOG

DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
LAGUNA WOODS
VILLAGE ENTRIES
LAGUNA WOODS, CA

SHEET DESCRIPTION
GATE 8
PLANT LEGEND



20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
U. S. A. 9 2 6 6 0
P H : 7 1 4 . 7 5 4 . 7 3 1 1

SHEET NUMBER	XX OF 99
PROJECT NUMBER	24-008.02

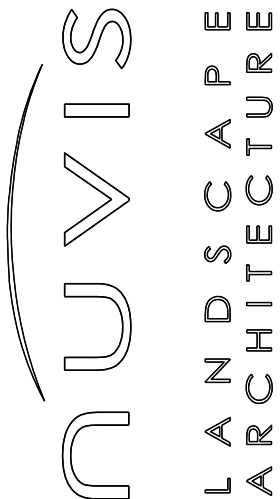
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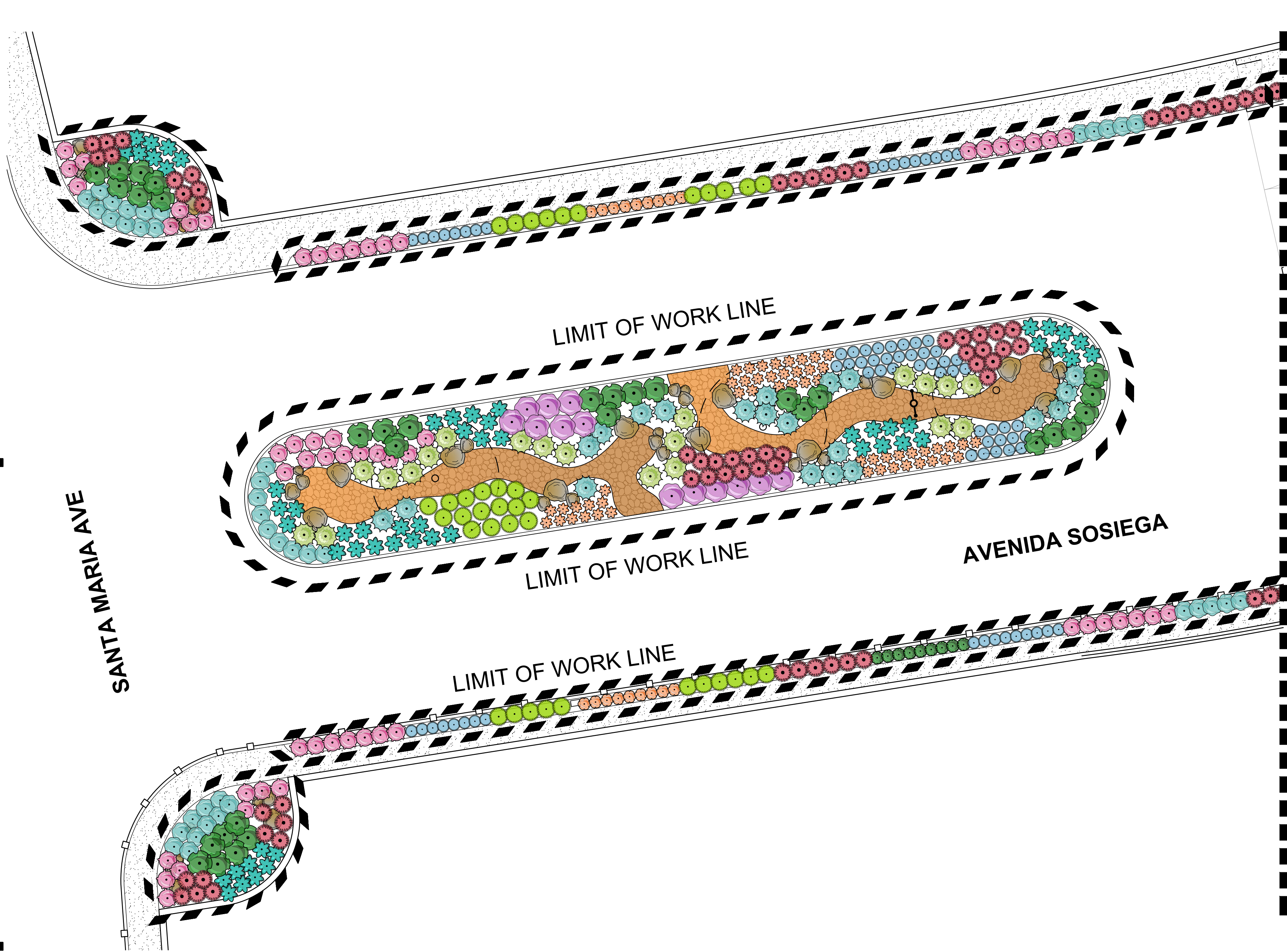
DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
LAGUNA WOODS
VILLAGE ENTRIES
LAGUNA WOODS, CA

SHEET DESCRIPTION
GATE 10
CONCEPTUAL DESIGN



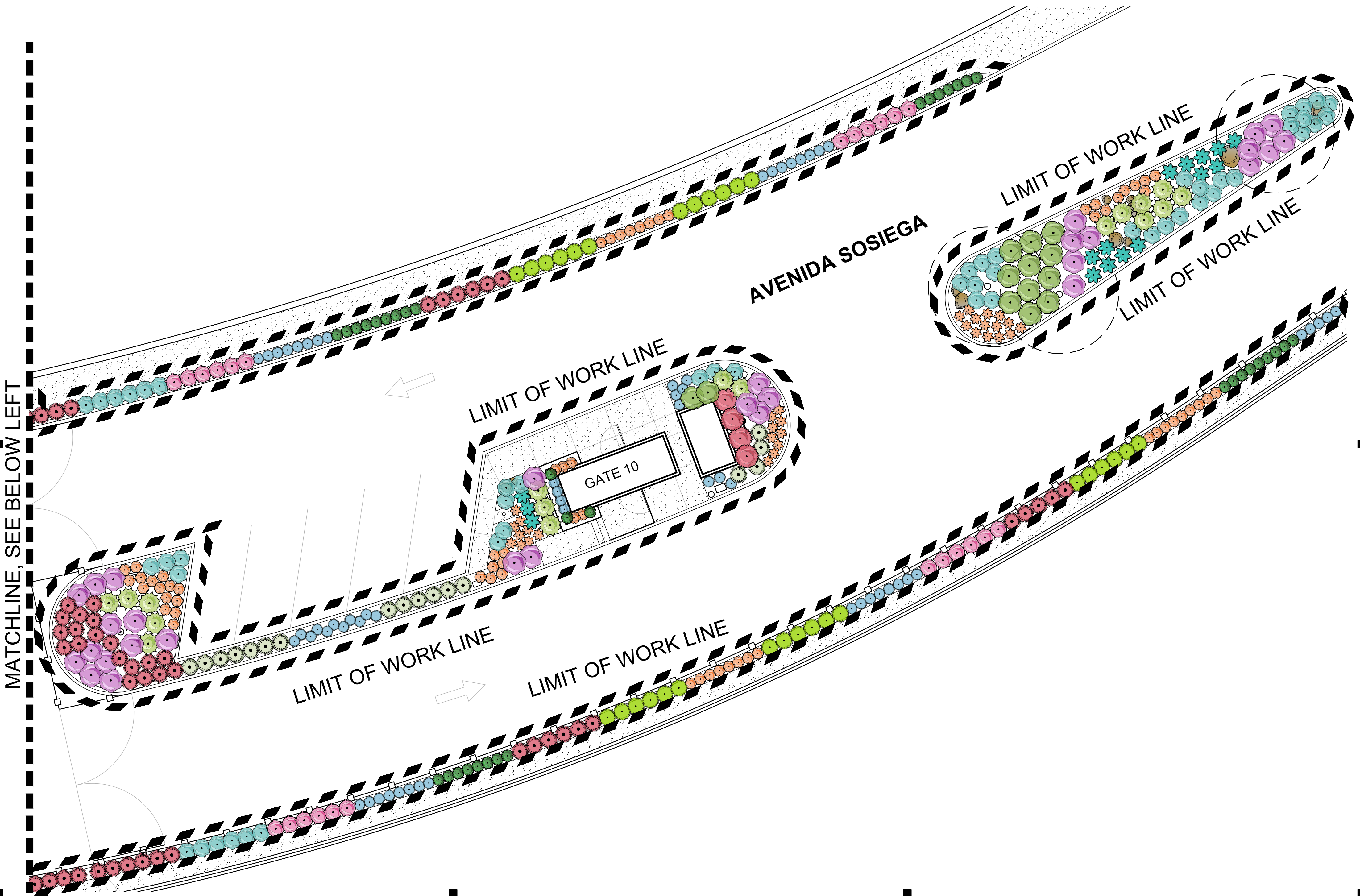
20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
U. S. A. 9 2 6 6 0
P H : 7 1 4 . 7 5 4 . 7 3 1 1

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PROJECT NUMBER	24-008.02
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











MATCHLINE, SEE ABOVE RIGHT

NOTE
REFER TO SHEET LX FOR PLANTING
LEGEND & NOTES



PLANT LEGEND GATE 10

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	QTY	REMARKS	MATURE HEIGHT	MATURE WIDTH
SHRUBS									
	AR	AGAVE ATTENUATA 'AGAWWS'	RAY OF LIGHT FOXTAIL AGAVE	5 GAL.	LOW	37		3 - 6ft. ht.	3 - 6ft. w.
	AB	AGAVE X 'BLUE FLAME'	BLUE FLAME AGAVE	5 GAL.	LOW	21		18 - 36in. ht.	3 - 6ft. w.
	AB5	AGAVE X 'BLUE GLOW'	BLUE GLOW AGAVE	5 GAL.	LOW	72		18 - 36in. ht.	1 - 3ft. w.
	AS	ALOE STRIATA	CORAL ALOE	1 GAL.	LOW	84		18 - 36in. ht.	1 - 3ft. w.
	BF	BULBINE FRUTESCENS 'ORANGE'	ORANGE BULBINE	1 GAL.	LOW	80		18 - 36in. ht.	1 - 3ft. w.
	CG2	CALANDRINIA GRANDIFLORA	ROCK PURSLANE	1 GAL.	LOW	85		18 - 36in. ht.	1 - 3ft. w.
	CG	CARISSA MACROCARPA 'GREEN CARPET'	GREEN CARPET NATAL PLUM	5 GAL.	LOW	32		6 - 18in. ht.	3 - 6ft. w.
	DL	DIANELLA REVOLUTA 'DR5000'	LITTLE REV™ FLAX LILY	1 GAL.	LOW	138		18 - 36in. ht.	1 - 3ft. w.
	DS	DIANELLA TASMANICA 'SILVER STREAK'	SILVER STREAK FLAX LILY	1 GAL.	MOD	17		18 - 36in. ht.	1 - 3ft. w.
	HB	HESPERALOE PARVIFLORA 'PERPA'	BRAKELIGHTS® RED YUCCA	1 GAL.	VERY LOW	117		18 - 36in. ht.	1 - 3ft. w.
	LP	LANTANA MONTEVIDENSIS	PURPLE TRAILING LANTANA	5 GAL.	LOW	43		6 - 18in. ht.	6 - 10ft. w.
	LS	LEUCADENDRON X 'SAFARI SUNSET'	SAFARI SUNSET CONEBUSH	15 GAL.	LOW	4		6 - 10ft. ht.	
	LI2	LOMANDRA LONGIFOLIA 'BREEZE'	BREEZE™ MAT RUSH	1 GAL.	LOW	68		18 - 36in. ht.	1 - 3ft. w.
	PT	PORTULACARIA AFRA 'MINIMA'	DWARF ELEPHANT BUSH	1 GAL.	LOW	45		6 - 18in. ht.	1 - 3ft. w.
	SS	SENECIO SERPENS	BLUE CHALKSTICKS	1 GAL.	LOW	91		6 - 18in. ht.	1 - 3ft. w.
	WM	WESTRINGIA FRUTICOSA 'NFLZ5'	MUNDI™ COAST ROSEMARY	5 GAL.	LOW	13		18 - 36in. ht.	1 - 3ft. w.

DATE	08/05/2024
SCALE	1"=10'
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REVISIONS/PLAN LOG

DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
**LAGUNA WOODS
VILLAGE ENTRIES**
LAGUNA WOODS, CA

SHEET DESCRIPTION
GATE 10
PLANT LEGEND

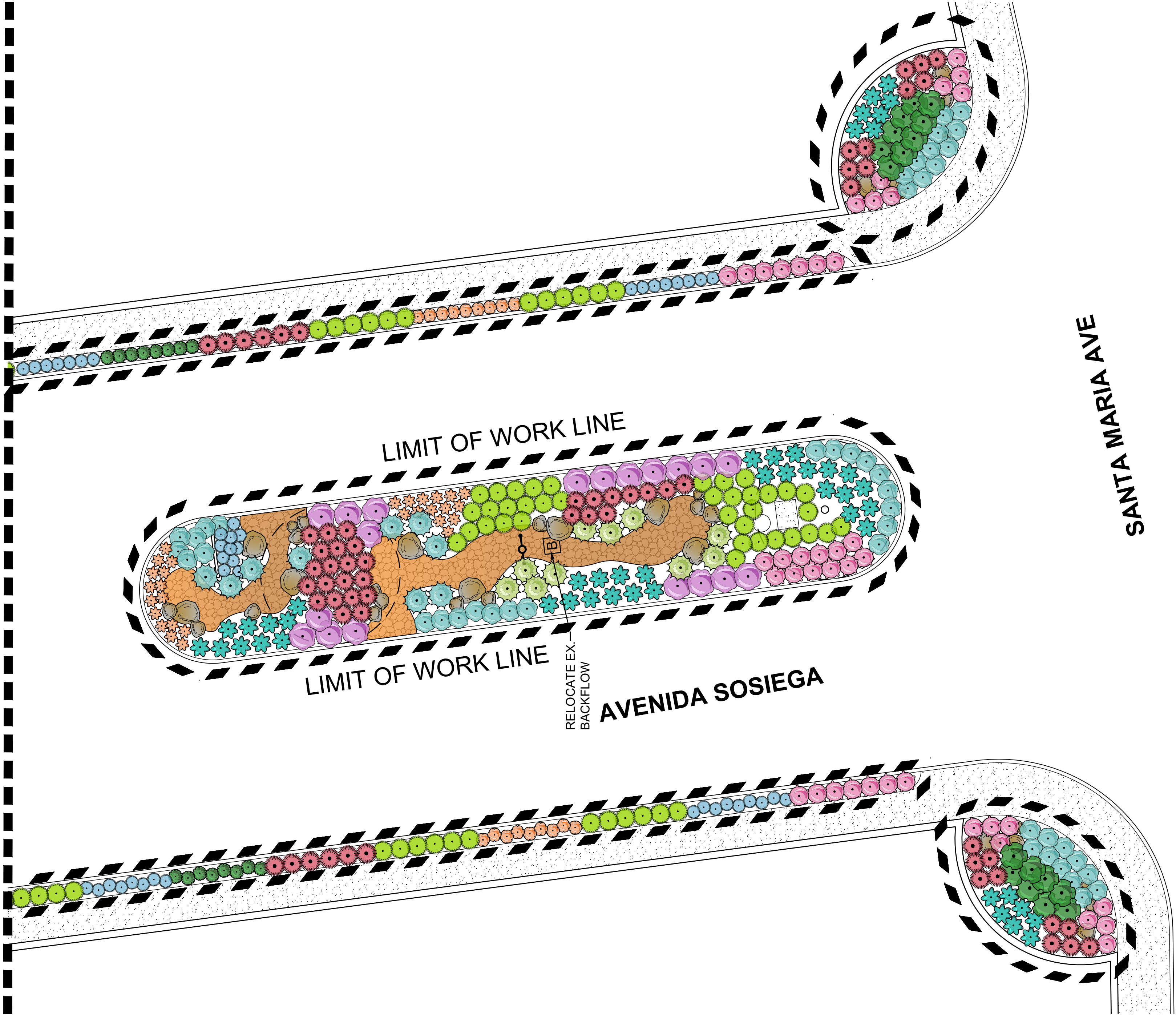


20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
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PROJECT NUMBER	24-008.02

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LEGEND & NOTES

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REVISIONS/PLAN LOG

DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
**LAGUNA WOODS
VILLAGE ENTRIES**
LAGUNA WOODS, CA

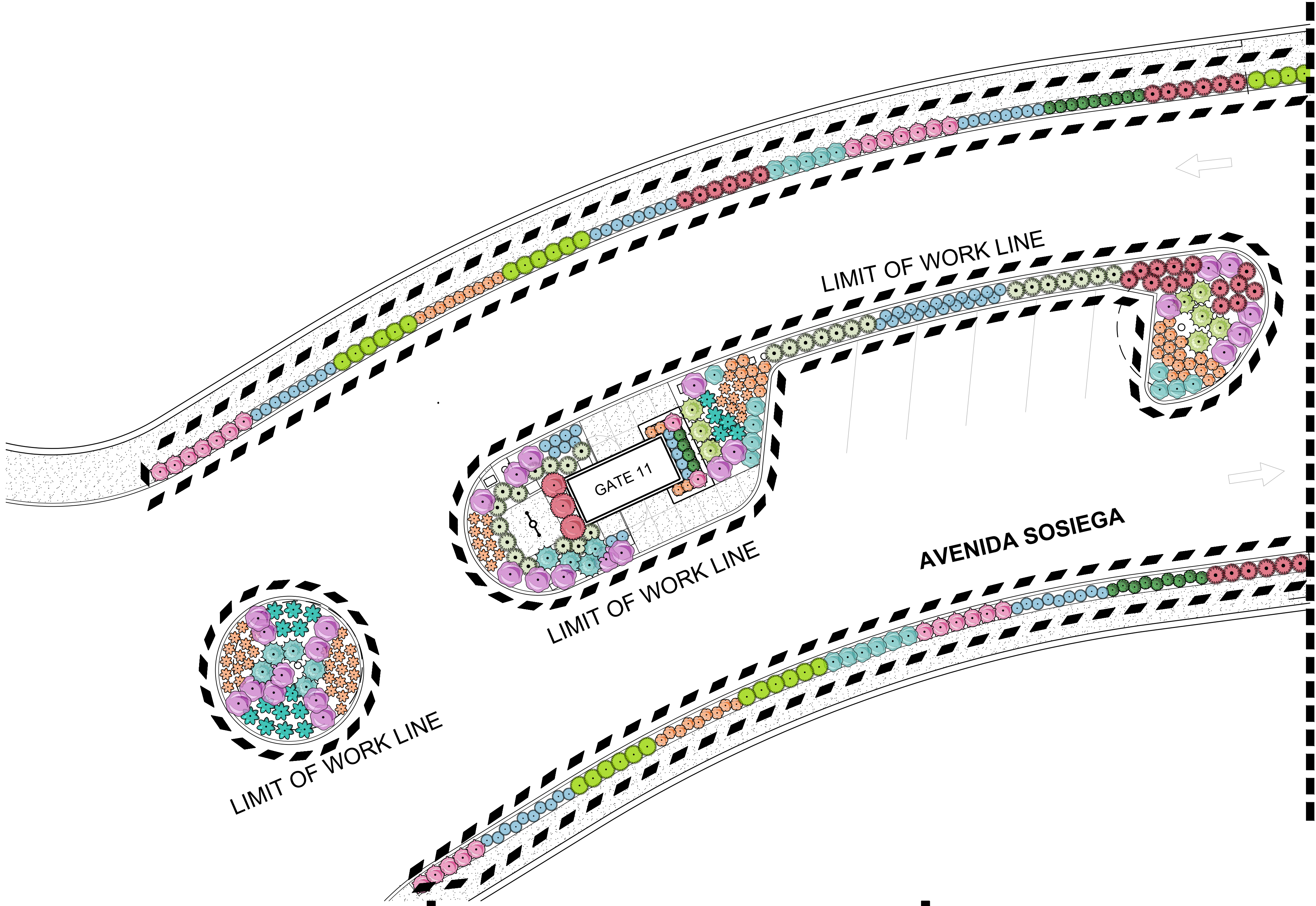
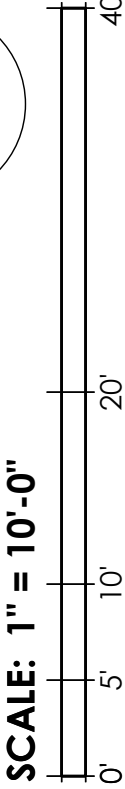
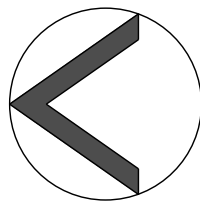
SHEET DESCRIPTION
**GATE 11
CONCEPTUAL DESIGN**

nuvis
LANDSCAPE
ARCHITECTURE
















20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
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PLANT LEGEND GATE 11

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	QTY	REMARKS	MATURE HEIGHT	MATURE WIDTH
SHRUBS									
	AR	AGAVE ATTENUATA 'AGAVWS'	RAY OF LIGHT FOXTAIL AGAVE	5 GAL.	LOW	18		3 - 6ft. ht.	3 - 6ft. w.
	AB	AGAVE X 'BLUE FLAME'	BLUE FLAME AGAVE	5 GAL.	LOW	18		18 - 36in. ht.	3 - 6ft. w.
	AB5	AGAVE X 'BLUE GLOW'	BLUE GLOW AGAVE	5 GAL.	LOW	66		18 - 36in. ht.	1 - 3ft. w.
	AS	ALOE STRIATA	CORAL ALOE	1 GAL.	LOW	75		18 - 36in. ht.	1 - 3ft. w.
	BF	BULBINE FRUTESCENS 'ORANGE'	ORANGE BULBINE	1 GAL.	LOW	66		18 - 36in. ht.	1 - 3ft. w.
	CG2	CALANDRINIA GRANDIFLORA	ROCK PURSLANE	1 GAL.	LOW	69		18 - 36in. ht.	1 - 3ft. w.
	CG	CARISSA MACROCARPA 'GREEN CARPET'	GREEN CARPET NATAL PLUM	5 GAL.	LOW	17		6 - 18in. ht.	3 - 6ft. w.
	DL	DIANELLA REVOLUTA 'DR5000'	LITTLE REV™ FLAX LILY	1 GAL.	LOW	121		18 - 36in. ht.	1 - 3ft. w.
	DS	DIANELLA TASMANICA 'SILVER STREAK'	SILVER STREAK FLAX LILY	1 GAL.	MOD	28		18 - 36in. ht.	1 - 3ft. w.
	HB	HESPERALOE PARVIFLORA 'PERPA'	BRAKELIGHTS® RED YUCCA	1 GAL.	VERY LOW	94		18 - 36in. ht.	1 - 3ft. w.
	LP	LANTANA MONTEVIDENSIS	PURPLE TRAILING LANTANA	5 GAL.	LOW	46		6 - 18in. ht.	6 - 10ft. w.
	LS	LEUCADENDRON X 'SAFARI SUNSET'	SAFARI SUNSET CONEBUSH	15 GAL.	LOW	3		6 - 10ft. ht.	
	LI2	LOMANDRA LONGIFOLIA 'BREEZE'	BREEZE™ MAT RUSH	1 GAL.	LOW	97		18 - 36in. ht.	1 - 3ft. w.
	PT	PORTULACARIA AFRA 'MINIMA'	DWARF ELEPHANT BUSH	1 GAL.	LOW	38		6 - 18in. ht.	1 - 3ft. w.
	SS	SENECIO SERPENS	BLUE CHALKSTICKS	1 GAL.	LOW	65		6 - 18in. ht.	1 - 3ft. w.

DATE	08/05/2024
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REVISIONS/PLAN LOG

DESIGN DEVELOPMENT
PROJECT AND CLIENT NAME
LAGUNA WOODS
VILLAGE ENTRIES
LAGUNA WOODS, CA

SHEET DESCRIPTION
GATE 11
PLANT LEGEND



20250 SW ACACIA ST, STE 260
NEWPORT BEACH, CA
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