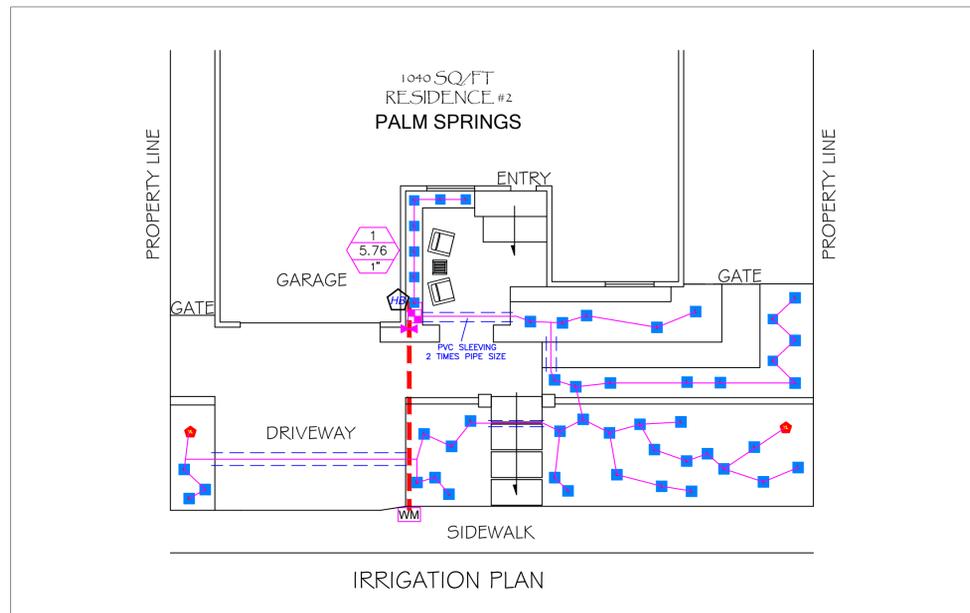


GENERAL PLANTING NOTES:

- Note: These notes are general and not all items listed below apply to this site.
1. Locate all utilities prior to construction.
 2. If the site varies from this plan, notify the owners before proceeding.
 3. The plant list is for reference only, all quantities shall be verified by the homeowner.
 4. Before planting, all beds shall be graded to a smooth even surface, and debris removed. Positive drainage shall be maintained, and no low spots where water can collect will be accepted.
 5. Trees planted less than 5 ft. from walks, curbs or wall shall have Root Barriers installed as per manufacturers instructions. Stake all trees with two lodge pole stakes or green metal tee post stakes. Place stakes perpendicular to the wind (North and South sides of trunk) unless otherwise noted. Do not pierce the root ball with the stake. Tie with wire through a section of hose, or other approved method, to protect the trunk, use two ties per stake.
 6. Rock mulch / Bark mulch when used shall be installed in a 3 inch uniform layer after soil has been finish graded and treated with a pre-emergent herbicide. Use weed barrier fabric under all rock mulch.
 7. The Landscape Designer is not responsible for the means and methods of construction.
 8. Drip irrigation is recommended to all Scrubs/ Perennials. Bubblers to all trees.
 9. Final adjustments will be made on the site at the time of installation. The homeowner or Landscape Designer will be consulted when adjustments are made that vary from the plan.



GENERAL IRRIGATION NOTES:

1. Verify existing utility locations prior to construction.
2. If the site varies from this plan, notify homeowners before proceeding.
3. This plan is diagrammatic, avoid conflicts between irrigation system and the planting plan.
4. Mainline pipe to be schedule 40 PVC pipe buried in a minimum of 18", lateral pipe to be class 200 PVC buried in a minimum of 12", use schedule 40 PVC under all paving.
5. Backfill for trenching shall be compacted to a dry density equal to adjacent undisturbed soil and shall conform to adjacent grades without depressions, high or low spots, or other irregularities.
6. Pressurize all mainline pipe for 24 hours to inspect leaks.
7. Install bubblers on all trees in planting areas, 2 bubblers per tree. Install drip irrigation to all shrubs, on slopes, place on uphill side of plant.
8. Flush and adjust all sprinkler heads for optimum performance and to minimize overspray on walks and walls. Select the best degree of arc for the site, adjust flow control for optimum operating pressure, for each circuit.
9. Winterize and wrap all exposed piping with approved R-11 insulation.

PALM SPRINGS

PLANT KEY

NOTE: PLANT SIZES ARE RECOMMENDATIONS, PLANT SELECTION MAY CHANGE DUE TO AVAILABILITY

SHRUBS

NOTE: 50 SHRUBS/ AGAVE/ CACTUS

- Agave parryi (5) 5 gal.
Parry's Agave
Evergreen, low water to 1.5h x 2.5w, stiff fleshy leaves with sharp points.
- Agave havardiana (4) 5 gal.
Harvard Agave
Evergreen, low water to 3h x 4w, silver-green foliage with sharp marginal teeth, a tall yellowish-green flower stalk.
- Chrysoactinia mexicana (9) 5 gal.
Damanita
Perennial, low water after established, 2h x 2w, low mound needle-like green leaves with bright yellow flowers spring-fall.
- Dasylirion texanum (2) 5 gal.
Green Desert Spoon
Evergreen, very low water to 5h x 5w, narrow leathery, dark green leaves have small teeth along the edges, 8' tall spike of creamy white flowers, summer.
- Echinocactus grusonii (7) 1 or 5 gal.
Golden Barrel Cactus
Evergreen, low water to 4h x 2.5w, cylindrical cacti with prominent ribs, sharp thorns, flowers at top of plant in summer.
- Hesperaloe parviflora (3) 5 gal.
Red Yucca
Evergreen, low water, to 3-4h x 3-4w, gray-green leaf clumps bearing bright red flowers on 5' spikes, spring-summer. Remove spent flower spikes to prolong bloom time.
- Leymus condensatus 'Canyon Prince' (7) 5 gal.
Canyon Prince Rye Grass
Perennial grass, low water, to 4h x 3w, silvery-green narrow leaf grass, deep green new leaf.
- Opuntia basilaris (4) 5 gal.
Beavertail Cactus
Evergreen, 1h x 3-4w, oval-roundish gray-green pads, rich rose-purple spring flowers.
- Salvia greggii Red (3) 5 gal.
Red Autumn Sage
Semi-evergreen, low water, to 2-3h x 2-3w, green leaves, red flowers, spring-fall. Prune in early spring.
- Santolina rosmarinifolia (virens) (5) 5 gal.
N/CN
Evergreen, low water to 2h x 3w, deep green leaves, yellow button flowers, spring.
- Yucca filamentosa 'Ivory Tower' (1) 5 gal.
Ivory Tower Yucca
Evergreen, low water to 5', to 2.5h x 5w, stiff dark green leaves to 1.5' long, yellowish-white flowers in late spring.

BOULDERS

BURY 1/3 FOR A NATURAL LOOK. SEE PLAN FOR LOCATIONS.

- 12-18" QTY: 18
- 18-24" QTY: 6
- 30-36" QTY: 1

LEGEND

- WM** WATER METER
THE IRRIGATION SYSTEM WAS DESIGNED WITH AN ASSUMED STATIC OR WORKING WATER PRESSURE. SEE WATER PRESSURE LOSS CALC. VERIFY AVAILABLE WATER PRESSURE IN THE FIELD AT ALL POC'S PRIOR TO CONSTRUCTION. MAKE ANY NECESSARY ADJUSTMENTS IN THE FIELD FOR PROPER OPERATION OF THE IRRIGATION SYSTEM.
- BALL VALVE: SAME SIZE AS LINE SIZE. INSTALL AFTER POC. MODEL: NIBCO T-560-BR
- REMOTE CONTROL ZONE KIT: USED FOR GALLON PER HOUR EMITTERS
MODEL: RAINBIRD XCZ-075 (USE RAINBIRD XCZ-LF-075 FOR CIRCUITS WITH LESS THAN 3 GPM FLOW RATES.)
- CIRCUIT NUMBER
FLOW RATE (G.P.M.)
VALVE SIZE
- MAINLINE PIPE, SCHED 40 PVC, SEE PLAN FOR SIZES.
PIPE SIZED 2" OR LARGER SHALL BE CLASS 315 AND PIPE 1.5" OR LESS SHALL BE SCHEDULE 40
- LATERAL PIPE TO BE SCHEDULE 40, SEE PLAN FOR SIZES.
- PVC SLEEVING: SCHED. 40 SIZED 2 TIMES THE SIZE OF THE PIPE UNLESS OTHERWISE NOTED. SEE PLAN FOR LOCATIONS.
- HOSE BIBB: INSTALL EXTRA AS NEEDED OFF OF THE MAINLINE

EMITTERS

SYMBOL	MAKE & MODEL	PSI	RAD	GPM	GPH	PRECIP IN/HR.	DESCRIPTION
	RAINBIRD PCT-5	30	3'	(.083)	5	SEE CHART	5 GPH EMITTER, 1/2" THREAD PRESSURE COMPENSATING USE 1 PER SCRUB
	RAINBIRD PCT-7	30	3'	(.116)	7	SEE CHART	7 GPH EMITTER, 1/2" THREAD PRESSURE COMPENSATING USE 1 PER SCRUB

- DENOTES VERY LOW WATER USE PLANTS, ADJUST IRRIGATION AS NEEDED.
- DENOTES LOW WATER USE PLANTS, ADJUST IRRIGATION AS NEEDED.

NOTES:

1. ALL BUBBLERS AND OR EMITTERS TO BE PRESSURE COMPENSATING. INSTALL NEXT TO THE ROOT BALL ON THE UPHILL SIDE, 2" ABOVE GRADE ON SCHEDULE 80 RISERS.
2. TREES TO BE ON A SEPARATE VALVE AND TO HAVE TWO PRESSURE COMPENSATING BUBBLERS PER TREE. INSTALL IN A DEEP ROOT WATERING TUBE.



FLOW RATE & VALVE SIZE

- 0-5 GPM = .75" VALVE
- 6-16 GPM = 1.00" VALVE
- 17-26 GPM = 1.25" VALVE
- 27-35 GPM = 1.50" VALVE
- 36-55 GPM = 2.00" VALVE

**RESIDENCE #2- PALM SPRINGS
PLANTING PLAN/ IRRIGATION PLAN**

REVISIONS



DENISE K. DESIGNS
CERTIFIED LANDSCAPE DESIGNER

Denise Keef
5805 West Vahan Court
Lancaster, Ca. 93536
661-433-9743

OWNERS:
Antelope Valley Resource
Conservation District
Grass Reduction Program- Grant Project
10148 West Avenue I
Lancaster, CA. 93536

PROJECT:
GREENBEE LANDSCAPE, INC.
1014 Lancaster Way
Lancaster, CA. 93534
661-274-2331

**PLANTING-
IRRIGATION
PLANS**

DATE: 4-24-2022

SCALE: 1" = 10'-0"

PROJECT NO.: 333

SHEET:

L-1

1 OF 1 SHEETS

UNDERGROUND SERVICE ALERT
call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG