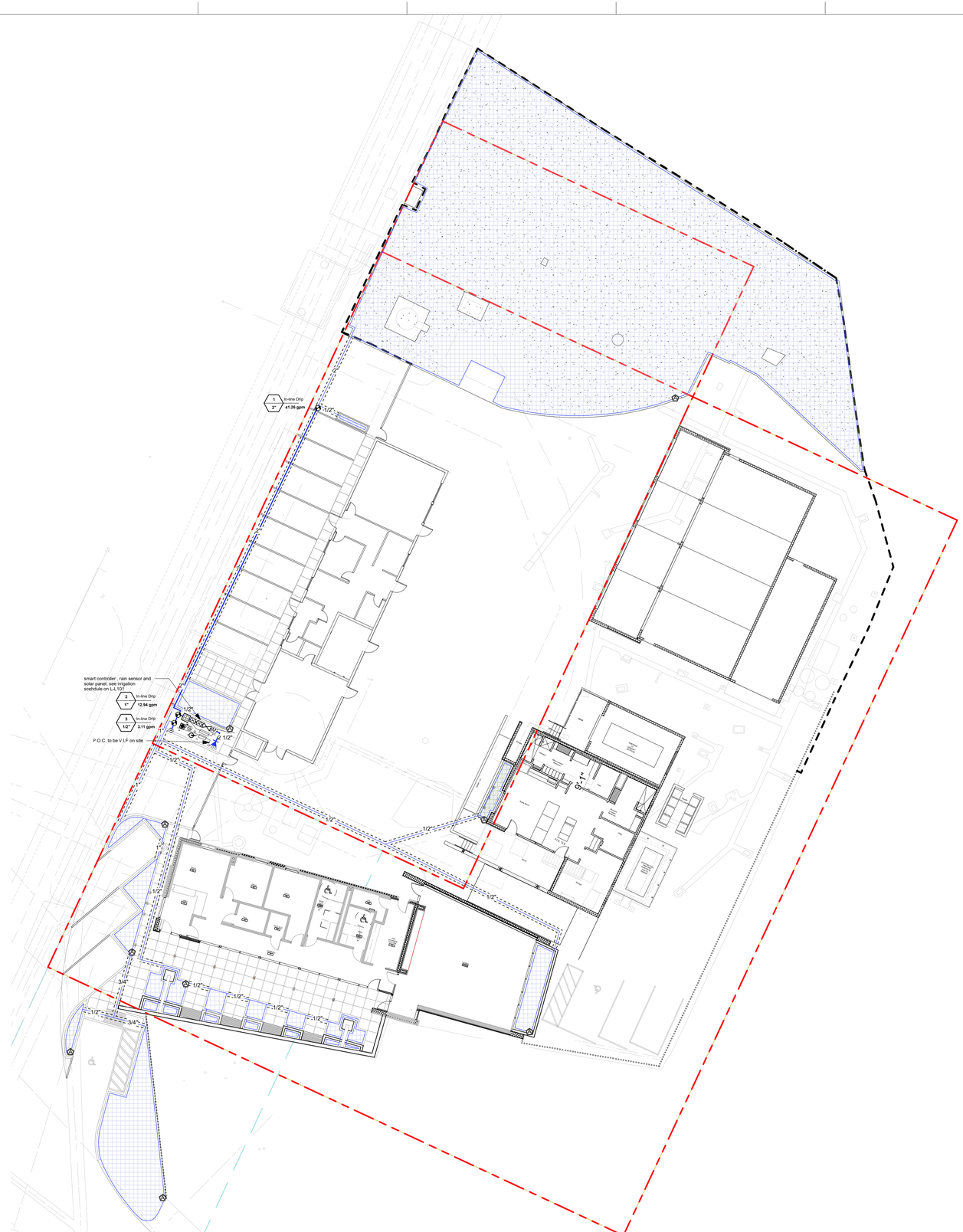

1 Irrigation plan
Scale: 1/16" = 1'-0"

Plot Date: 2/23/2017 12:35:07 PM

Irrigation legend

- P.O.C. : connect potable irrigation system to existing irrigation mainline
- irrigation water supply main pipe
- irrigation water lateral line pipe
- sleeve pipe for main, laterals and wires under paving and through walls
- flow meter
- (N) ball valve mainline shut off
- master valve
- backflow preventer
- (N) irrigation controller; VIF
- solar panel
- rain sensor
- quick coupler
- air relief valve kit
- drip valve assembly
- in-line drip; see equipment schedule for type

Irrigation notes

Note:
Call landscape architect 48 hours in advance of all pressure testing, coverage tests, or similar onsite observations.

1. This plan is diagrammatic. All pipes, valves, etc. shown within paved areas are for design clarification only and shall be installed in planting areas wherever possible. Avoid pipe layout that will conflict with proposed tree and shrub planting.
2. It is the intent of this plan to provide adequate irrigation to all planting areas. Contractor shall be responsible for making any and all adjustments to the irrigation system necessary to insure 100% irrigation coverage of all planting areas.
3. Do not install the irrigation system as indicated on the drawings when it is obvious in the field that obstructions or grade differences exist and should be brought to the attention of the City Project Manager.
4. Install the irrigation system in accordance with all local codes.
5. Layout of (E) irrigation equipment does not necessarily represent as-built conditions. Verify irrigation and equipment size and location in the field.
6. Irrigation system is designed assuming a static water pressure of approximately 70 PSI at city mainline, verified before construction. Prior to installation of irrigation system, contractor shall verify pressure at all points-of-connection and report any discrepancies to the City Project Manager.
7. See irrigation equipment schedule for a complete description of all symbols shown on the irrigation plans.
8. Piping installed under pathways or paved areas, through walls or footings shall be placed inside schedule 40 PVC sleeves of adequate size to allow free movement of the pipe in the sleeve. provide sleeving for mainline below driveways, sidewalks, and walls.
9. Flush all lines and adjust all heads for maximum performance and to prevent over spray onto walks, streets and buildings. Selecting the best nozzle arc and radius to fit site conditions. Call City Project Manager 48 hours in advance for coverage tests.
10. Adjust flow controls for proper performance and valve longevity.
11. Install flush end valves at the ends of all 1/2" polyethylene drip pipe in round valve boxes with gravel fill, in planting area. Coordinate location with the City Project Manager.
12. Limit disturbance to rootzone of existing trees by installing piping at the edges of planters where possible. Do not trench across the rootzone of existing trees.
13. Irrigation lines shall be buried at the following minimum depths:
    PVC pressure mainline:18"
    PVC lateral line:12"
    PVC lines 2-1/2" or larger: 24"
14. Clean up on a daily basis per City Project Manager's requirements.

Use drop down menus or type in values in white cells only. Results appear in Yellow or Red highlighted cells below.

Site Information

Site Name →	*Type Site Name Here*		
Site Type →	Commercial	**Allowed ETAF:**	0.45
Annual Eto (inches/yr) →	46		

Hydrozone or Planting Description	Plant Factor (PF)		Irrigation Method	Irrigation Efficiency (IE)	ETAF (PF/IE)	Hydrozone Area (sqft.)	ETAF x Area	Estimated Total Water Use (gal./yr.)
Regular Landscape Areas								
1	0.2	Low	Drip	0.81	0.2	9,264	2,287	65,237
2	0.5	Mod./Ave.	Drip	0.81	0.6	311	192	5,475
3	0.1	Low	Drip	0.81	0.1	1,294	160	4,556
					SUBTOTAL →	**10,869**	**2,639**	**75,268**
Special Landscape Areas								
9					1		0	0
10					1		0	0
11					1		0	0
12					1		0	0
					SUBTOTAL →	**0**	**0**	**0**
							Estimated Total Water Use (ETWU) →	**75,268**
							Maximum Allowed Water Allowance (MAWA) →	**139,493**

ETAF Calculations

Regular Landscape Areas

Total ETAF x Area	2,639
Total Area	10,869
Average ETAF	0.24

All Landscape Areas

Total ETAF x Area	2,639
Total Area	10,869
Sitewide ETAF	0.24

Notes:

Calculator developed to meet code effective Dec. 1, 2015
This calculator is for estimating purposes only.
Hunter assumes no liability for application of this calculator.

GOLETA WEST SANITARY DISTRICT
Your environmental partner since 1954

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ISSUED	REV	DATE
DART Submittal		15 May 2015
Site Development Plan 1		23 June 2015
30% Schematic Design		30 Oct. 2015
Pre-App & Architectural Board of Review Submittal		23 Apr. 2016
Architectural Board of Review Submittal		25 Jan. 2017
Architectural Board of Review Submittal		30 June 2017

LICENSED LANDSCAPE ARCHITECT
Susan Van Atta #2928
Signature
01/31/2024
Renewal Date
12/06/2022
Date
STATE OF CALIFORNIA

DRAWING

LANDSCAPE IRRIGATION PLAN

as noted
SCALE

40903
PROJECT NUMBER

L-L100
DRAWING NUMBER