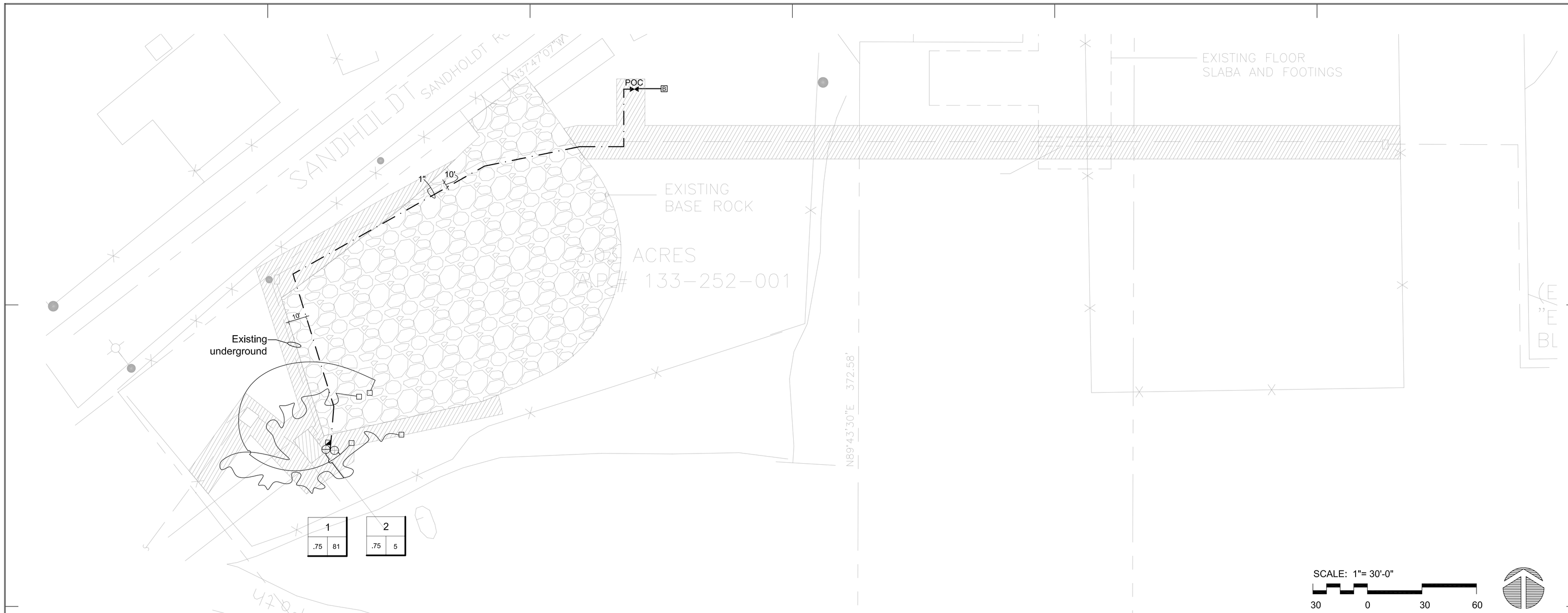
0 4 8 16 32 ft SCALE: 1/16"=1'-0" | 0 2 4 8 16 ft SCALE: 1/8"=1'-0" | 0 1 2 4 8 ft SCALE: 1/4"=1'-0" | 0' 1' 2' 3' 6' SCALE: 1/2"=1'-0" | 0' 1' 2' 4' SCALE: 3/4"=1'-0" | 0' 1' 2' 3' SCALE: 1"=1'-0" | 0' 1' 2' SCALE: 1-1/2"=1'-0" | 0' 1' SCALE: 3"=1'-0"

IF THIS SHEET IS NOT 24" X 36", IT IS A REDUCED PRINT. SCALE ACCORDINGLY



GENERAL NOTES

1. GUARANTEE:
Contractor shall guarantee irrigation system for one year from date of acceptance.

2. VERIFICATION:
System design is based on 60 P.S.I. and 90 G.P.M. available at discharge outlet of meter or other point of connection. Contractor shall verify same and notify Architect if such data adversely affects the operation of the system. Such notice shall be made in writing and prior to commencing any irrigation work.

3. UTILITIES:
Contractor shall verify location of all on-site utilities. Restoration of damaged utilities shall be made at the Contractor's expense to the satisfaction of the owner.

4. SCHEMATIC:
System features are shown schematically for graphic clarity. Install all piping and valves in common trenches where feasible.

5. SPECIFICATIONS:
See irrigation specifications for additional information.

6. CODES:
Irrigation system shall be installed in accordance with all local codes and manufacturer's specifications. Notify Architect by telephone and in writing of any conflicts prior to installation.

7. QUICK COUPLING VALVES:
Install on double swing joint. Locate 12" away from edge of walks, walls, and curbs. Provide one swivel, and hose ell.

8. FIELD VERIFICATION:
Contractor to field verify dimensions of all planting areas to receive irrigation.

9. CONTROLLER:
Battery powered valve - See Legend.

10. SCHEDULING:
Prior to the end of the maintenance period, the Contractor shall schedule the controller. At least three start times daily.

11. FLUSH (E) MAIN:
Upon completion of connection to (E) main allowing for solvent setup, flush main line and existing main by flushing nearest quick coupler downstream of P.O.C. on existing main.

12. POC:
Connect to existing 2" backflow device.

13. Locate valves out of vehicle zones within 3' of building.

LEGEND

SYMBOL	MANUFACTURER	DESCRIPTION	GPM	PSI	RAD
	Agrifim	ISo-Flow Emitter	30	.5	18'
□	Rainbird	Flush Port	.3	.04	
		¾" Poly Pipe			
		Main Line: Sch. 40. 24" Depth.			
		Lateral Line: Class 40. 18" Depth.			
		Sleeving: See Irrigation Notes			
⊕	Rainbird	DV Control Zone Valve with filter - Programmable valve Actvator & battery: Nelson 8014. 1" valve size.			
◪	Rainbird	44LRC Quick Coupler			
⋈	King Brothers	Full Port PVC Ball Valve: Line Size			
B	Backflow Preventer	EXISTING 2"			
M	Water Meter	EXISTING 2"			
UON	Unless Otherwise Noted				
POC	Point of Connection:	Existing 2" Backflow for site irrigation. Install ball valve after (E) hose bib.			

DRIP IRRIGATION

NOTE: Emitters shall be placed along poly pipe per the following schedule. See planting plan for plant sizes and locations. Locate emitters to allow for one additional port to each plant for future needs. All emitters shall be placed on the uphill side of plants on slopes.

EMITTER SCHEDULE	
1 gal.	(2) 1 gph
5 gal.	(2) 2 gph
15 gal.	(3) 2 gph

X — Valve Station
X X — GPH
Valve Size

F:\Production\Projects\2006\06.044\CADD\060044_IRRIGATION.dwg

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. RE-USE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS IN THE ARCHITECT WITHOUT PREJUDICE VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

HBFL
Holewinski Blevens Fedelem & Lukes, Architects
380 Main Street
Salinas, California 93901
831/ 757-8001
LICENSED ARCHITECT RICHARD JOE FEDELEM No. C-12691 REV. 03-31-07 STATE OF CALIFORNIA
Richard J. Fedelem C12691
Thomas R. Lukes C8982

Bellinger Foster Steinmetz
Landscape Architecture
425 Pacific Street, Suite 201
Monterey, CA 93940
PH 831.646.1383 FX 831.373.8653 www.bfsla.com
Project # 06044 Date August 04, 2006
LICENSED LANDSCAPE ARCHITECT MICHAEL K. BELLINGER NO. 1996 Signature 03-31-07 Expiration Date STATE OF CALIFORNIA

Agency Approvals:

Revisions

No.	Description	Date

MBARI
MOSS LANDING FACILITIES
SANDHOLDT ROAD
MOSS LANDING CA. 95039

MARS SHORE STATION

REVEGETATION IRRIGATION PLAN

Drawn by: SK
Checked: MB
Approved:

Project No. 06.044
Date: 8/04/06
Drawing No. L-1