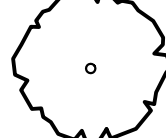
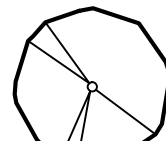
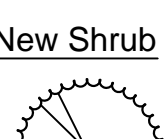


TIER III CALCULATIONS FOR RAIN WATER RUNOFF / CAPTURE


PLAYGROUND	
The 655.7 s.f. playground surface area has 52.5 c.f. of runoff with a gravel pit that can hold 63.8 c.f. of runoff.	
Playground engineered wood fiber pit 58 s.f.	
12 inches wood fiber o/	
6 inches of ASTM 8 (3/8") rock o/	
30 inches of ASTM 57 (1") rock	
Playground surface (527 s.f. P.I.P. rubber, 24 s.f. PIP EWF transition, curb 46 s.f. and 58 s.f. engineered wood fiber)	
393.42 Gallons of runoff from a 655.7 s.f. area in a one inch storm (24hr period)	
7.48 1 c.f.	
52.596 Cubic feet of run off	
Playground sub base	
1" ASTM 57 rock	3/8" ASTM 8 rock
58 s.f. pit 12" deep	58 s.f. pit 12" deep
0.4 void space for #8 rock per c.f.	0.15 void space for 5/8 rock per c.f.
23.2 Net volume for 58 c.f.	8.7 Net volume for 50 c.f.
2.5 depth in feet (multiplier)	0.5 depth in feet (multiplier)
58 c.f. void space	4.35 c.f. void space volume
PATIO	
The 154 s.f. permeable patio has 12.4 c.f. of runoff with a gravel base that holds 12.35 c.f. of runoff	
Section	
154 s.f. of Permeable Pavers (135 s.f. permeable pavers, curb 19 s.f.) o/	
6.5 inches of ASTM 8 (3/8") rock	
Runoff	
92.40 Gallons of runoff from a 107 s.f. paved and 27 s.f. curb area in a one inch storm (24hr period)	
7.48 1 c.f.	
12.353 Cubic feet of run off	
Patio base	
3/8" ASTM 8 rock	
135 pit surface area	
0.15 void space for 3/8 rock per c.f.	
20.25 Net volume for 180 C.F.	
0.61 depth in feet	
12.353 c.f. void space	

PLANT LEGEND

New Tree

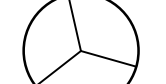
-  Prunus ilicifolia
 -  Quercus agrifolia
- New Shrub**
-  Rhamnus californica, 'Mound San Bruno' - Coffeeberry

New Evergreen

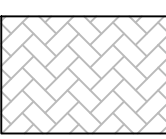
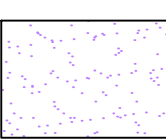
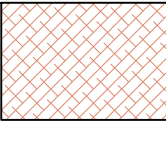
-  Ceanothus gloriosus 'Anchor Bay'

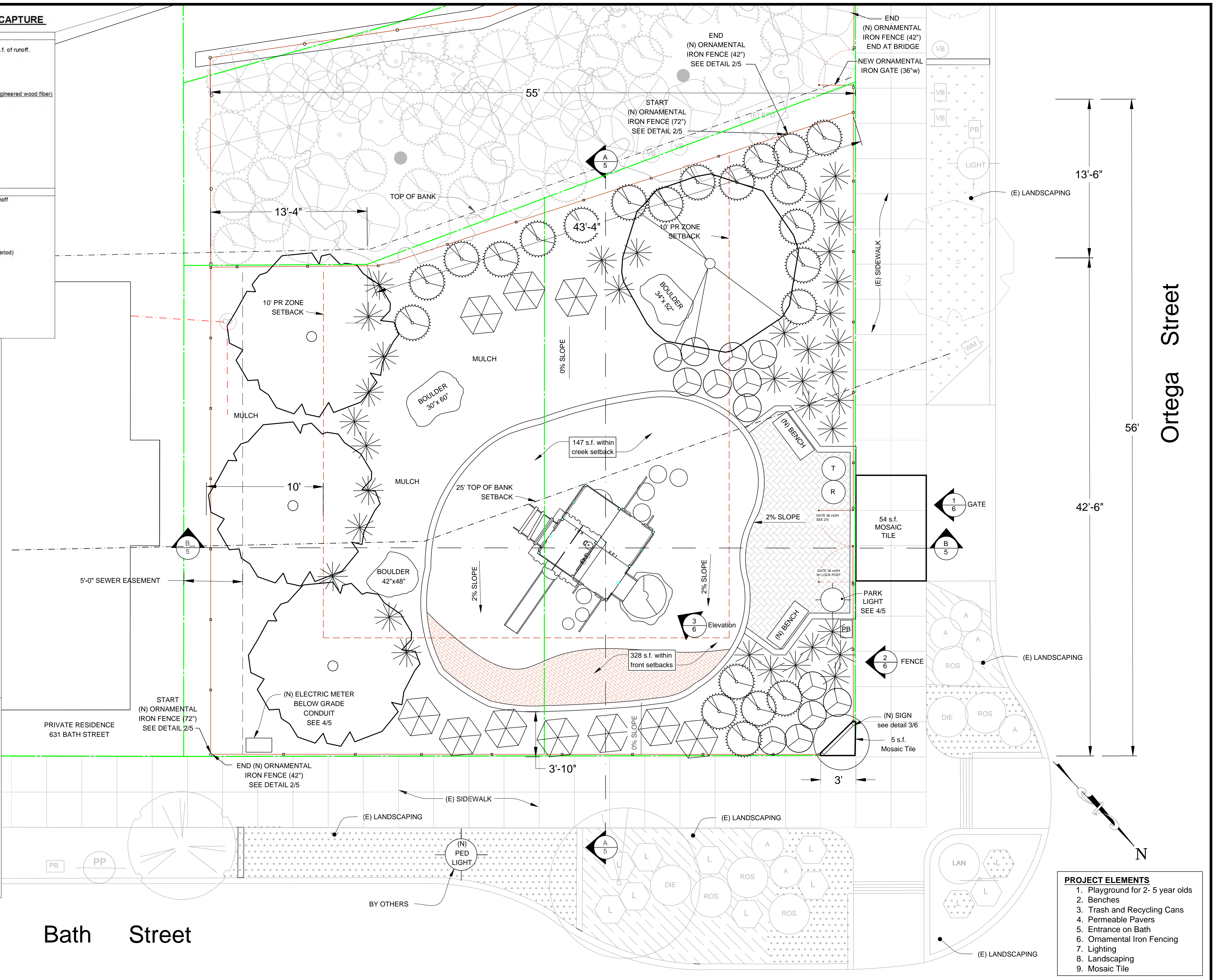
-  Leymus condensatus 'Canyon Prince'

New Perennial

-  Pacific Coast Hybrids Iris 'Canyon Snow'

NEW SURFACING LEGEND

-  Permeable Paver 196s.f. o/ crushed 3/8 rock @ 6" deep, 98 c.f. Curb and pavers color to be earth tone matching sand stone benches
-  Rubber Fall Surface 588 s.f. at 6" o/ 4" gravel base. Curb color to be earth tone matching sand stone benches
-  Engineered wood fiber 58 s.f. at 12" deep (58 cf @ .05% vs) o/ 5/8 crushed rock at 6" deep (29 cf @ .2% vs) o/ #2 rock at 30" deep (116 c.f. @ .4% vs)



- PROJECT ELEMENTS**
1. Playground for 2- 5 year olds
 2. Benches
 3. Trash and Recycling Cans
 4. Permeable Pavers
 5. Entrance on Bath
 6. Ornamental Iron Fencing
 7. Lighting
 8. Landscaping
 9. Mosaic Tile

DESIGN	6/25/14
DRAWN	
CHECKED	
FLD.BK.NO.	
PAGE	
ATLAS	
1	ABR COMMENTS
NO.	DESCRIPTION
DATE	APPROVED
REVISIONS	

Proposed Site Plan

BATH ST. POCKET PARK
633 & 635 BATH STREET
SANTA BARBARA, CA
APN: 037-113-009 & 037-113-010

CITY OF SANTA BARBARA
PARKS AND RECREATION DEPARTMENT

APPROVED: _____ DATE _____

PARK PROJECT TECHNICIAN

SCALE: 1/4" = 1'-0"

PROJ. NO. _____

SHT. 3 OF 6 SHTS.

DWG. NO. _____