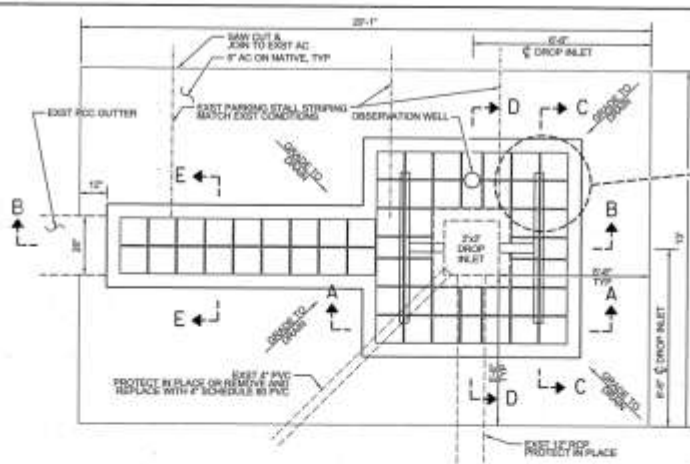


The background of the image shows a construction site with several stacks of light-colored, porous concrete pavers. The pavers are rectangular and have a textured, porous surface. In the background, there are some construction materials, including a black tarp, a red mat, and some tools. The overall scene is outdoors and appears to be a preparation area for a paving project.

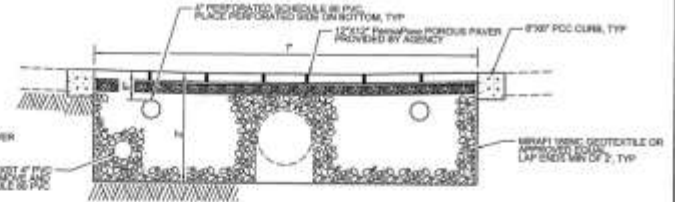
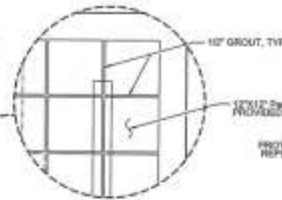
HQ Parking Lot L.A. County DPW

Porous Paver
Drain Inlet Isolation
Pilot Project

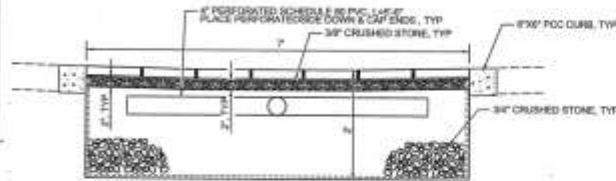
Plans



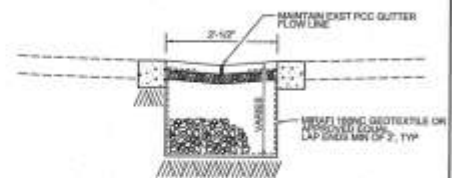
PLAN VIEW
SCALE: 1" = 2'



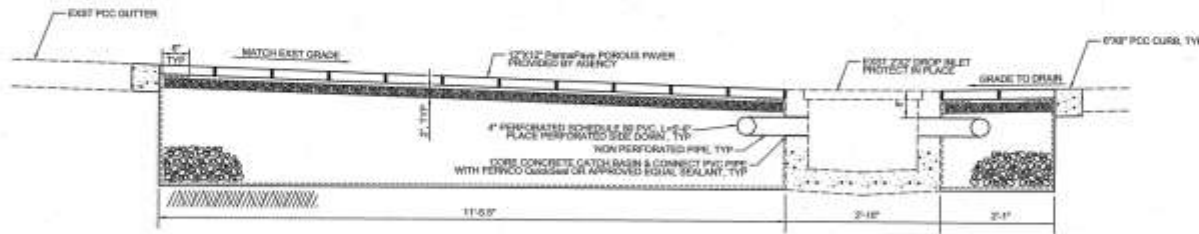
A-A
SCALE: 1" = 1'



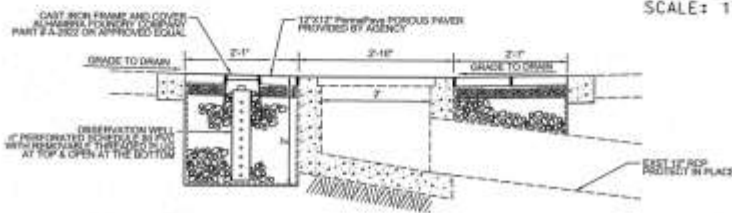
C-C
SCALE: 1" = 1'



E-E
SCALE: 1" = 1'



B-B
SCALE: 1" = 1'



D-D
SCALE: 1" = 1'

GENERAL NOTES

1. BOTTOM OF TRENCH SHALL NOT BE COMPACTED. QUARRY QUANTITY BOTTOM OF TRENCH.
2. ALL ADJUSTMENTS SHALL BE WASHED INTO HOLES. ADJUSTMENTS SHALL BE PLACED IN 8 INCH LIFTS AND LIGHTLY COMPACTED.
3. ALL PIP FITTINGS SHALL BE SCHEDULE 40.

DATE	NO.	DESCRIPTION



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
HEADQUARTERS PARKING LOT
LID PILOT PROJECT

PLAN VIEW & TYPICAL SECTION
JOB: DP15401905.DWG

SHEET 2 OF 2

Before



Construction

Begun July 1, 2011



Construction



Construction



Laying out the Flow Lines



Pouring the Concrete Curbs



Concrete Forms in Place



Construction



3/8" Fines-free Crushed Stone Bedding Layer



Setting the Tiles



Tiles before Grouting



Grouting

Completed July 16, 2011



Details

- Built through a Job Order Contract (JOC)
- Contractor: Mackone Development, Inc.
- Contracted Construction cost = \$8000
- Pavers Donated by PermaPave
- 2.5 cu. yds. 3/4" Crushed Stone
- 0.5 cu. yds. 3/8" Crushed Stone
- 2400 lbs. concrete
- Total Drainage Area = 4098 sq. ft.
- Pavement Surface Area = 70 sq. ft.
- Storage Volume = 17 cu. ft.



Surface Drainage Patterns

Storage Volume = 17 cu.ft.

Annex Building

Pavers

DRAINAGE AREA

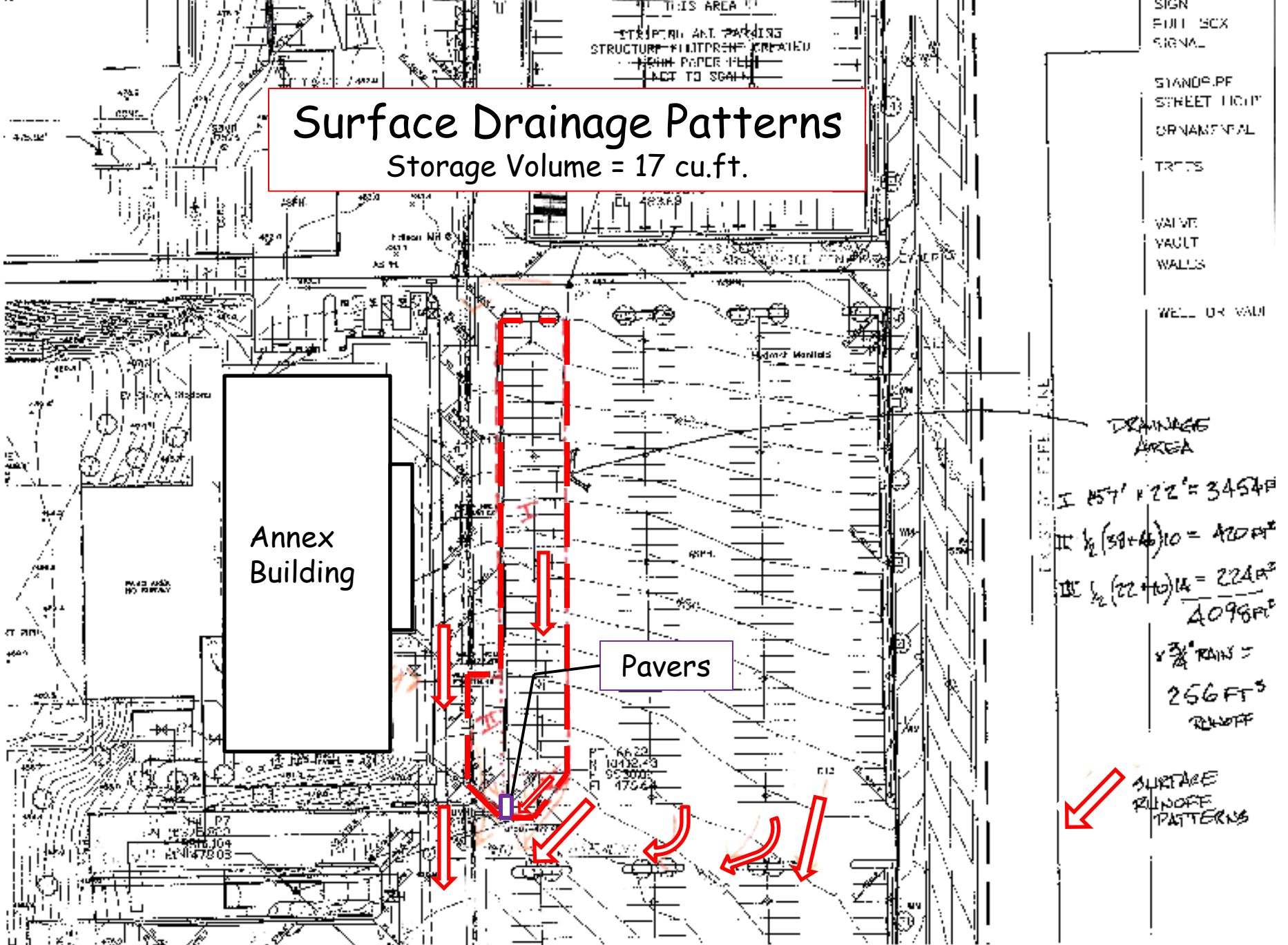
$$\begin{aligned}
 \text{I } & 257' \times 22' = 3454 \text{ ft}^2 \\
 \text{II } & \frac{1}{2} (38+46) \times 10 = 420 \text{ ft}^2 \\
 \text{III } & \frac{1}{2} (22+10) \times 14 = 224 \text{ ft}^2 \\
 & \hline
 & 4098 \text{ ft}^2
 \end{aligned}$$

$$\begin{aligned}
 & \times \frac{3}{4} \text{\" RAIN} = \\
 & 256 \text{ FT}^3 \\
 & \text{RUNOFF}
 \end{aligned}$$

SURFACE RUNOFF PATTERNS

- SIGN
- FULL BOX SIGNAL
- STANDARD STREET LIGHT
- ORNAMENTAL TREES
- VALVE VAULT WALLS
- WELL OR VALV

THIS AREA STRIPED AND PARKING STRUCTURE FILLDRENCH CREATED FROM PAPER FILE ACT TO SCALE



Baseline Infiltration Test

September 15, 2011



Baseline Rate ~ 70 gal/min/sq.ft.

Storm Reports

2011 - 2012 Storm Season

October 5, 2011



Post-Storm Examination

Total Rainfall = 1.89"
Duration = 12 hours
Runoff Volume = 645 cu.ft.
3% of Storm Captured



Some Clogging on the East Edge