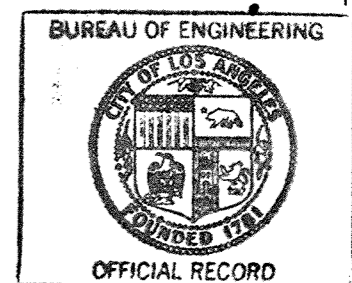


NEW ALLEY PLAN



BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY OF LOS ANGELES

INTERLOCKING PAVERS FOR PEDESTRIAN ALLEYS STANDARD PLAN S-486-0

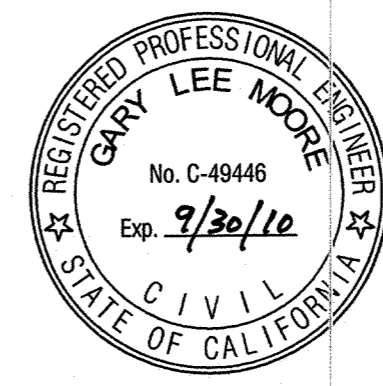
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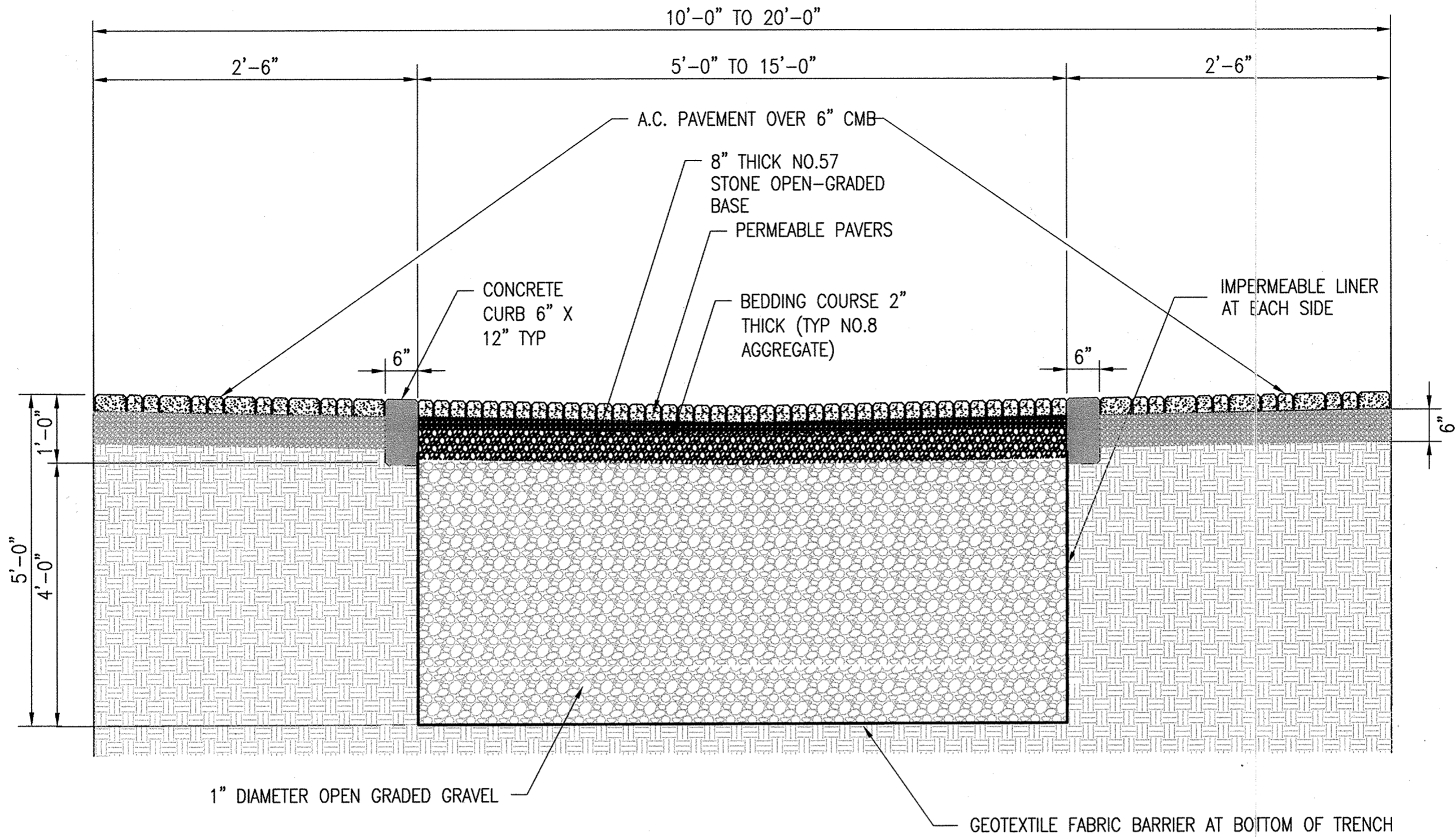
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CITY ENGINEER



SUPERSEDES	REFERENCES
	S-420
	S-480
	S-601
VAULT INDEX NUMBER B-4645	
SHEET 1 OF 2 SHEETS	



TYPICAL ALLEY CROSS SECTION

NOTES:

1. ALL WORKS SHALL CONFORM TO SSPWC AS AMENDED BY THE CITY'S BROWN BOOK, LATEST EDITION. FOR GENERAL REQUIREMENTS, SEE STANDARD PLAN S-480 AND S-601, LATEST EDITION.
2. PERMEABLE ALLEY GUTTERS SHALL ONLY BE CONSTRUCTED IN AREAS WITH WELL DRAINING SOILS. THE MINIMUM SITE SOIL PERCOLATION RATE SHALL BE 0.5 INCHES PER HOUR.
3. THICKNESS OF EXISTING ALLEY ASPHALT PAVEMENT SHOWN ON SHEET 2 OF THIS PLAN ARE TYPICAL. ACTUAL PAVEMENT THICKNESS MAY VARY. NEW AC PAVEMENT TO MATCH EXISTING PAVEMENT THICKNESS.
4. IN THE CENTER PORTION OF THE ALLEY (5'-0" TO 15'-0") EXCAVATE AND REMOVE SITE SOILS TO A DEPTH OF 5 FEET MAXIMUM.
5. EXISTING SUB-GRADE SOILS AT BOTTOM OF TRENCH EXCAVATION TO BE COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION PER ASTM D-1557.
6. CLEAR ALL DEBRIS FROM TRENCH PRIOR TO PLACING GRAVEL BACKFILL. GRAVEL PLACEMENT TO BE SELF-COMPACTING.
7. AGGREGATE BASE AND SAND LAYER TO BE PLACED AND COMPACTED PER PERMEABLE PAVER MANUFACTURER'S SPECIFICATIONS.
8. TYPE AND PATTERN OF PERMEABLE PAVERS TO BE APPROVED BY THE BUREAU OF ENGINEERING. APPROVED PAVERS ARE LISTED ON THE "APPROVED PRODUCTS FOR USE IN THE PUBLIC RIGHT-OF-WAY" PAVERS LIST.
9. CONCRETE CURBS SHALL BE CONSTRUCTED WITH CLASS 520-C-2500 PORTLAND CEMENT CONCRETE AND SHALL HAVE EDGES ROUNDED TO A RADIUS OF 1/4-INCH.
10. PLACEMENT OF GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECT.300-8 OF THE GREEN BOOK.
11. IMPERMEABLE LINER SHALL BE A MINIMUM OF 30 MILS IN THICKNESS AND SHALL MEET THE REQUIREMENTS OF SECTION 210-2 OF THE GREEN BOOK.
12. AGGREGATE BASE LAYER FOR NEW ASPHALT PAVEMENT SHALL CONSIST ENTIRELY OF CRUSHED ROCK AND ROCK DUST CONFORMING TO THE REQUIREMENTS OF SECTIONS 200-1.1, 200-1.2, AND 200-2.2 OF THE GREEN BOOK.
13. DRIVEWAYS AT EACH END OF ALLEYS SHALL BE RECONSTRUCTED WHERE REQUIRED (I.E. WHERE GUTTER FLOW LINE DEPTH AND/OR ALIGNMENT HAS BEEN MODIFIED). ALLEY INTERSECTION TO STREET SHALL BE CONSTRUCTED PER STANDARD PLAN NO.420 WITH V=1 INCH OR LESS.
14. BOLLARDS INSTALLED AT BOTH ENDS OF THE ALLEY SHALL BE REMOVABLE TO ALLOW EMERGENCY AND/OR MAINTENANCE VEHICULAR ACCESS. BOLLARD DETAILS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.

