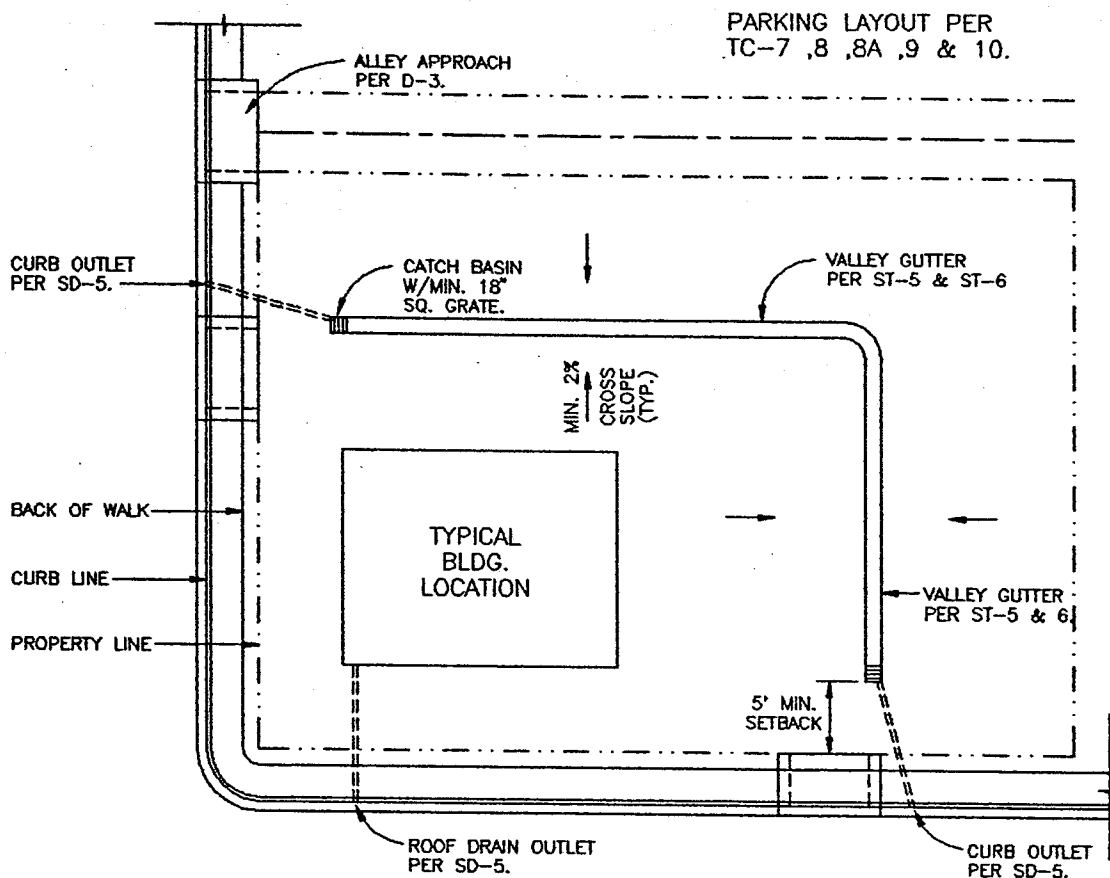
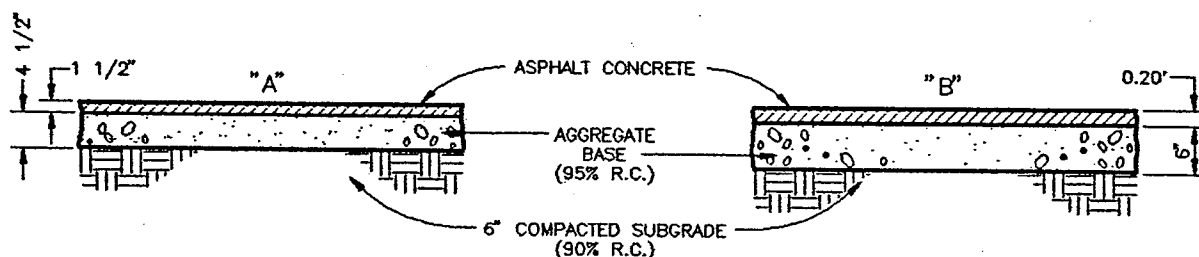




PLAN



PARKING LOTS
RESIDENTIAL & RETAIL COMMERCIAL

INDUSTRIAL PARKING LOTS
& LOADING ZONES

TYPICAL MINIMUM CROSS SECTION

NOTES:

1. DRAINAGE SHALL BE TO STREET OR STORM DRAIN.
2. PARKING BUMPERS TO BE PLACED SO THAT PARKED CARS WILL NOT OVERHANG ON SIDEWALK OR PARKWAYS.
3. SURFACE DRAINAGE TO ALLEY ONLY BY WRITTEN APPROVAL OF THE CITY ENGINEER.
4. CURB OUTLET DRAIN SD-5 OR EQUAL SHALL BE USED FOR ANY LOT OF MORE THAN 4 PARKING SPACES AND/OR WHENEVER ROOF DRAINAGE IS DISCHARGED TO THE LOT.
5. VALLEY GUTTER PER ST-5 REQUIRED. A SWALE WILL BE ALLOWED WHERE SLOPE OF SWALE IS NOT LESS THAN 0.50%. VALLEY GUTTERS WILL NOT TERMINATE DOWNSTREAM AT A SWALE, BUT WILL CONTINUE TO CATCH BASINS.
6. CATCH BASIN AND CURB OUTLETS TO BE USED WITH BOTH VALLEY GUTTERS AND SWALES.
7. PONDING BASINS MAY BE REQUIRED ON CITY OF MERCED STORM DRAINAGE DESIGN STANDARDS.
7. ASPHALT IN AREAS SUBJECT TO USE BY REFUSE VEHICLES SHALL BE A MINIMUM OF 0.20' IN THICKNESS. IF REFUSE IS COLLECTED IN A PARKING LOT, A HEAVIER STRUCTURAL SECTION MAY BE REQUIRED.
8. CATCH BASIN SHOULD BE DESIGNED TO ASSURE THAT THE TYPE, LOCATION AND CAPACITY OF THE CATCH BASIN WILL ACHIEVE THE OVERALL DRAINAGE REQUIREMENT (MINIMUM 18" SQUARE GRATE).
9. MAXIMUM LIFT FOR ASPHALT CONCRETE IN PARKING LOT AREAS SHALL BE 0.20 FEET.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

PARKING LOT DETAILS

DRAWN: MP

APPROVED BY:

DATE

ENG.

REVISED 9/94

CITY ENGINEER

12-12-94

G-1

SHEET

OF