NOTES TO CONTRACTOR

1. CONCRETE SHALL BE 5-SACK MIX (CLASS B), SECTION 90, STATE OF CALIFORNIA SPECIFICATIONS.
2. CONCRETE SHALL HAVE A MINIMUM SLUMP OF 4 INCHES.
3. ONE-HALF-INCH FELT EXPANSION JOINTS TO BE INSTALLED AT 60-FOOT MAXIMUM INTERVALS AND CONTROL JOINTS AT 10-FEET O.C.; JOINTS IN SIDEWALK TO BE IN ALIGNMENT WITH THOSE IN THE CURB AND GUTTER WHEN THE TWO ARE ADJACENT.
4. NATIVE SUBGRADE UNDER ALL CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAY APPROACHES SHALL BE COMPACTED TO 90 PERCENT RELATIVE COMPACTION TO A DEPTH OF 6 INCHES. MOISTURE CONTENT OF THE SUBGRADE, AGGREGATE SUBBASE, AND AGGREGATE BASE SHALL BE OPTIMUM BEFORE SURFACE IS PLACED. AGGREGATE SUBBASE AND AGGREGATE BASE ROCK SHALL BE COMPACTED TO 90 PERCENT RELATIVE COMPACTION
5. SIDEWALK SHALL BE SCORED AT 5-FOOT INTERVALS OR AS DIRECTED.
6. CONCRETE SHALL BE TREATED WITH WHITE PIGMENTED CURING COMPOUND PER SECTION 90-7.01B.
7. ONE-HALF-INCH FELT EXPANSION JOINT TO BE USED AT END OF CURB RETURN AT CURB AND SIDEWALK.
8. GUTTERS SHALL HAVE A MINIMUM GRADE 0.25 PERCENT WHERE FALL OF NATURAL GROUND IS GREATER THAN 0.25 PERCENT, AND NOT LESS THAN 0.20 PERCENT FOR TANGENTIAL SECTIONS AND 0.25 PERCENT FOR CURVILINEAR SECTIONS WHERE FALL OF GROUND IS LESS THAN 0.25 PERCENT.
9. CURB RETURNS SHALL HAVE 0.50 PERCENT FALL MINIMUM.
10. MINIMUM CURB RETURN RADIUS SHALL BE 25 FEET. WHERE ONE OR MORE COLLECTOR OR ARTERIALS INTERSECT OR ON LOCAL STREETS SERVING A TRUCK FACILITY OR SCHOOL, THE RADIUS SHALL BE A MINIMUM OF 40 FEET.
11. CROSS GUTTERS SHALL HAVE 0.40 FEET FALL MINIMUM BETWEEN ENDS OF RETURNS.
12. SIDEWALKS ARE TO BE CONSTRUCTED IN NEW SUBDIVISIONS AFTER UNDERGROUND UTILITIES ARE IN PLACE AND TRENCH COMPACTION HAS BEEN APPROVED.
13. WHEN UTILITIES ARE TO BE PLACED UNDER EXISTING CURB AND GUTTER OR SIDEWALK, THE FOLLOWING REQUIREMENTS APPLY: REMOVE A SECTION OF EXISTING CONCRETE; THEN INSTALL THE CONDUIT OR PIPE. AFTER COMPACTING THE BACKFILL, MAKE SAW CUTS (MINIMUM 1-1/2 INCHES DEEP) AT LEAST 6-INCHES WIDER THAN EACH SIDE OF THE TRENCH WALLS (CITY STANDARD DRAWING T-1). CURB AND GUTTER SHALL HAVE 1/2-INCH DOWELS INSTALLED A MINIMUM OF 3 INCHES INTO EXISTING CONCRETE. ONE DOWEL SHALL BE PLACED IN THE CURB AND TWO IN THE GUTTER SECTION AT EACH SAW CUT JOINT.
14. WHEN ROLLED CURB IS CONSTRUCTED, THE ADJACENT SIDEWALK SHALL BE 6 INCHES THICK OVER 4 INCHES OF AGGREGATE BASE ROCK.
15. TRANSITION FROM VERTICAL CURB TO ROLLED CURB SHALL BE 10 FEET LONG. OTHER CURB HEIGHT TRANSITIONS SHALL BE A MINIMUM OF 5 FEET IN LENGTH.
16. SIDEWALK ADJACENT TO CURB/GUTTER SHALL NOT BE CONSTRUCTED MONOLITHIC. HOWEVER, WHERE REPAIRING NO MORE 10 L.F. OF EXISTING ADJACENT SIDEWALK AND CURB/GUTTER, IT MAY BE BUILT MONOLITHIC. A 1 1/2" DEEP JOINT SHALL BE PROVIDED AT BACK OF CURB LINE.

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.
GENERAL REQUIREMENTS - SIDEWALK, CURB AND GUTTER		SCG-4
DRAWN: KGE	APPROVED BY: David T. Fischer	DATE 3/17/08
DATE: 1/93		
REVISED: 3/17/08	CITY ENGINEER	SHEET OF