



BLOCK WALL DETAIL SHEET

CITY OF SOUTH GATE
Department of Building and Safety

1. INSPECTIONS REQUIRED: 1ST - BEFORE POURING FOOTING (WITH REINFORCING STEEL IN PLACE)
3RD - BEFORE GROUTING WALL AND BOND BEAM STEEL.
4TH - AFTER GROUTING BOND BEAM STEEL AND PILASTERS.
5TH - AFTER COMPLETION OF ALL WORK.
2. CONCRETE MIX: 1 PART CEMENT, 3 PARTS SAND, 4 PARTS GRAVEL, WITH MAXIMUM 7-1/2 GALLONS OF WATER PER 94# SACK CEMENT. USE TYPE II OR V CEMENT.
3. CONCRETE MASONRY UNITS: MINIMUM 6" BLOCK.
4. MORTAR MIX: 1 PART CEMENT AND 2-1/4 TO 3 PARTS AGGREGATE.
5. GROUT MIX: USE MORTAR MIX WITH SUFFICIENT WATER ADDED FOR POURING WITHOUT SEGREGATION.
6. BOND BEAM STEEL HORIZONTAL BAR TO BE PLACED IN BOND BEAM BLOCK OR BETWEEN FIRST AND SECOND TOP BLOCK CELL AND ONE IN THE MIDDLE.
7. ALL CELLS CONTAINING REINFORCING STEEL SHALL BE GROUTED.
8. OMIT EVERY OTHER HEAD JOINT AT FIRST (BOTTOM) COURSE FOR WEEP HOLES.
9. IF WALL OF A DIFFERENT DESIGN IS TO BE CONSTRUCTED, SUBMIT TWO SETS OF PLANS FOR PLAN CHECKING.
10. PILASTERS ARE NOT REQUIRED FOR WALLS 3'0" OR LESS IN HEIGHT.
11. IN LIEU OF THE 24" DEEP PIERS, A CONTINUOUS FOOTING EQUAL IN DEPTH TO AT LEAST 1/3 OF THE WALL HEIGHT ABOVE LOWEST GRADE MAY BE USED.
12. ALL FENCE MATERIALS MUST BE KEPT 6" MINIMUM FROM CITY SIDEWALKS.
13. ALL INSPECTIONS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE BY PERMITTEE.
14. A SURVEY OF THE LOT MAY BE REQUIRED BY THE BUILDING OFFICIAL TO VERIFY THAT THE STRUCTURE IS LOCATED IN ACCORDANCE WITH THE APPROVED PLANS.

REINFORCEMENT STEEL REQUIREMENTS:

- A. ONE #4 REBAR (1/2 INCH) TO BE PLACED HORIZONTALLY IN FOOTINGS.
- B. TWO #4 REBAR (1/2 INCH) TO BE PLACED IN VERTICALLY AT EACH PILASTER.
- C. ONE #4 REBAR (1/2 INCH) TO BE PLACED IN VERTICALLY EVERY THIRTY-TWO INCHES (OR LESS) IN BETWEEN PILASTERS.
- D. ONE #4 REBAR (1/2 INCH) TO BE PLACED HORIZONTALLY AT BOTTOM, AND TOP OF WALL MUST BE GROUTED IN PLACE.