



# Typical Retaining Wall Detail with Garden Wall

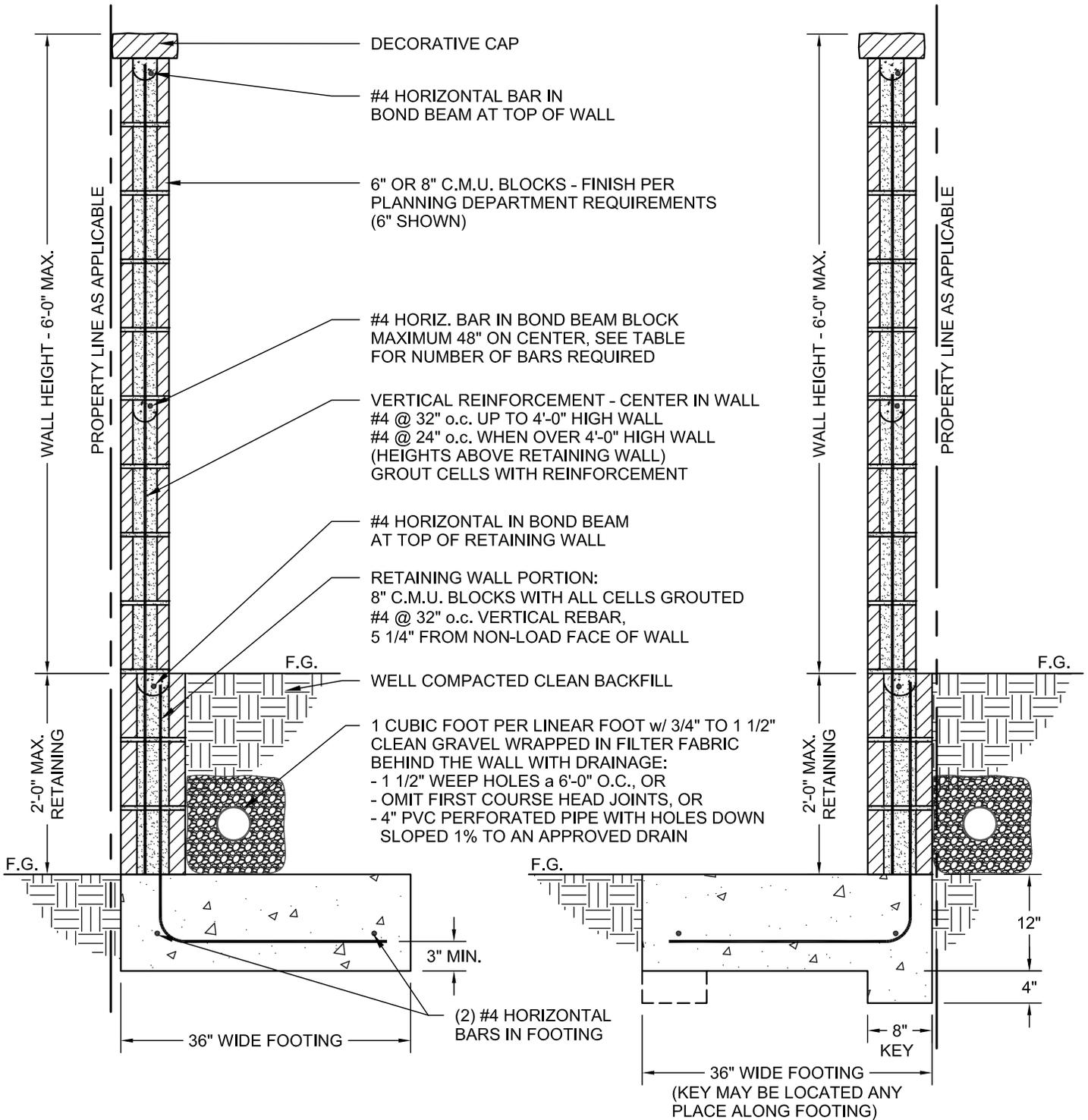
APPROVED  
BUILDING OFFICIAL \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN	BY	DATE
CHECKED	MW	6-26-2013

## NO TOE WALL

## NO HEEL WALL



**SEE REVERSE FOR NOTES AND SPECIFICATIONS**



CITY OF WHITTIER BUILDING AND SAFETY DEPARTMENT

PLAN NO.

8

## Typical Retaining Wall Detail with Garden Wall

SHEET 2 OF 2

APPROVED

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- THESE WALLS SHALL NOT SUPPORT OTHER STRUCTURES. KEEP TOP OF WALL AWAY FROM STRUCTURES, TOE OF SLOPES, AND VEHICLE WHEEL LOADS A DISTANCE EQUAL TO THE HEIGHT OF THE WALL, PLUS THE DEPTH OF FOOTING.
- CHECK WITH THE PLANNING DIVISION FOR APPROVAL OF HEIGHT, LOCATION, AND FINISH OF WALLS PER W.M.C. 18.10.030(D); 18.24.040(F); 18.34.050(F), AND OTHER APPLICABLE CITY CODES AND ORDINANCES.
- FOR WALLS LOCATED ON THE PROPERTY LINE, SUBMIT A COMPLETED COMMON PROPERTY LINE WALL AGREEMENT FORM.
- IN ORDER FOR A PERMIT TO BE ISSUED FOR WALLS EXCEEDING 6'-0" HIGH, THE APPLICANT PROPERTY MUST BE LOCATED ON THE LOWER GRADE.

### SPECIFICATIONS:

- SOIL SHALL BE WELL COMPACTED, (90% RELATIVE DENSITY), SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, OR CLAYEY GRAVEL. ASSUMED SOIL BEARING PRESSURE IS 1500 PSF.
- CONCRETE BLOCKS ARE GRADE N PER ASTM C90-03.
- MORTAR IS TYPE M OR S PER CBC TABLE 2103.8(1) AND GROUT IS PER CBC TABLE 2103.12.
- FOUNDATION CONCRETE EQUAL TO READY MIX PER ASTM STANDARDS WITH A STRENGTH OF 2500 PSI.
- REINFORCING STEEL IS GRADE 40 DEFORMED BARS PER ASTM STANDARDS. LAP STEEL AT LEAST 24 INCHES.
- PROVIDE CLEAN-OUT HOLES AT THE BOTTOM OF CELLS WITH VERTICAL STEEL WHEN THE GROUT POUR IS MORE THAN FIVE FEET.
- DO NOT BACKFILL WALLS FOR AT LEAST SEVEN (7) DAYS AFTER WALL IS GROUTED.
- A POURED-IN-PLACE CONCRETE WALL WITH THE SAME DIMENSIONS MAY BE SUBSTITUTED FOR CONCRETE BLOCKS FOR THE RETAINING PORTION.