

8. CONCRETE:

ALL CONCRETE SHALL BE CLASS AA OR DA.

9. MASONRY MORTAR:

THE MORTAR SHALL CONFORM TO THE REQUIREMENTS OF SUB-SECTION 311.13 "MASONRY CONSTRUCTION" OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION". MORTAR IN HORIZONTAL JOINTS SHALL FULLY COVER ALL FACE SHELL AND WEB MEMBERS. VERTICAL JOINTS SHALL BE BUTTERED TO A DEPTH GREATER THAN THE THICKNESS OF THE FACE SHELLS OF THE BLOCK. FURROWING OF MORTAR WILL NOT BE PERMITTED.

10. GROUT:

THE GROUT SHALL CONFORM TO THE REQUIREMENTS OF SUB-SECTION 311.13 "MASONRY CONSTRUCTION" OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION". ALL CELLS SHALL BE POURED SOLID WITH GROUT.

11. EXCAVATION AND BACKFILL:

COMPACTION OF BACKFILL MATERIAL BY JETTING OR PONDING WITH WATER WILL NOT BE PERMITTED. EACH LAYER OF BACKFILL SHALL BE MOISTENED TO ITS OPTIMUM AND THOROUGHLY TAMPED, ROLLED OR OTHERWISE COMPACTED TO AT LEAST 90% OF ITS MAXIMUM DRY DENSITY. NO BACKFILL MATERIAL SHALL BE DEPOSITED AGAINST MASONRY RETAINING WALLS UNTIL THE GROUT HAS DEVELOPED A STRENGTH OF 2,000 POUNDS PER SQUARE INCH IN COMPRESSION AS DETERMINED BY TEST 2" CUBES, OR UNTIL THE MASONRY RETAINING WALL HAS CURED FOR A MINIMUM OF 14 DAYS.

12. OPTIONAL MORTAR KEY:

EMBEDMENT OF THE FIRST COURSE OF BLOCK IN A POURED FOOTING MAY BE OMITTED BY PROVIDING A MORTAR KEY. THE KEY IS FORMED BY EMBEDDING A FLAT 2 X 4 FLUSH WITH THE TOP OF THE FRESHLY POURED FOOTING. REMOVE THE 2 X 4 AFTER THE CONCRETE HAS STARTED TO HARDEN.

13. EXPANSION JOINTS:

WALLS OVER 50 FEET IN LENGTH SHALL HAVE EXPANSION JOINTS AT 25' INTERVALS (SEE DETAILS).

14. WEEP HOLES:

WEEP HOLES SHALL BE INSTALLED AT 10' O.C. IN THE FIRST ROW OF BLOCKS ABOVE FINISHED GROUND SURFACE. BACKFACE OF WALL WILL BE WATERPROOFED.

15. INTERCEPTOR SWALES:

INTERCEPTOR SWALE TO BE CONSTRUCTED AT BACK OF WALL WHEN DIRECTED BY THE CITY ENGINEER.



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.

**NOTES - MASONRY
RETAINING WALLS**

R-604D

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