



SECTION A-A

DRAINAGE STRUCTURE NOTES

PRECAST STRUCTURES MAY BE SUBSTITUTED UPON APPROVAL OF DESIGN BY DEPARTMENT OF PUBLIC WORKS.

BRICK SHALL BE NO. 1 HARD BURNED RED BRICK OF THE (3) HOLE TYPE. ALL CONCRETE TO BE CLASS A-3.

MORTAR SHALL BE A MIX OF ONE (1) PART PORTLAND CEMENT TO TWO (2) PARTS CLEAN GRADED SAND. JOINTS SHALL BE SMOOTH.

DRAINAGE STRUCTURE FOUNDATION SLAB TO BE PLACED ON A BED OF AGGREGATE BASE STONE WHERE NECESSARY FOR STABILIZATION. STONE SHALL BE A MIN. OF SIX INCHES (6\") DEEP.

FOUNDATION SLAB TO BE CLEAN AND DRY PRIOR TO INSTALLATION OF BRICK AND PLASTERED FINISH.

THE INVERT IS TO BE SHAPED IN ACCORDANCE WITH STANDARD PLAN IS-1. FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO THE SHAPING IS TO BE INCLUDED IN THE PRICE BID.

BRICK MASONRY SHALL BE LAID SO THAT EACH UNIT WILL BE THOROUGHLY BONDED WITH MORTAR. SUCH JOINTS SHALL BE CONSTRUCTED BY THE SHOVE JOINT METHOD AND THE WIDTH OF THE FINISHED JOINTS IN THE FACE SHALL NOT BE GREATER THAN THREE-EIGHTS INCH (3/8\") STRETCHER COURSES SHALL ALTERNATE TO FULLY BOND THE MASS. THE INSIDE JOINTS SHALL BE NEATLY POINTED AND THE OUTSIDE OF SUCH WALLS SHALL BE PLASTERED WITH MORTAR.

REINFORCEMENT IN THE BASIN TOP REQUIRED AS PER MCB-2 STANDARD AT ALL DEPTHS.

CHES. STD. ST-1 STEPS SHALL BE PROVIDED IN ALL CATCH BASINS DEEPER THAN FOUR FEET. 24\"/>

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| | | DESIGN AND CONSTRUCTION STANDARDS | |
| | | MULTIPLE CATCH BASIN BRICK (12" -18" PIPE) MAX. DEPTH 6' | |
| 08/01/03 | REV. FOR INTERNET 2003 | CHK. BY: | DATE: |
| DATE | REVISIONS | APP. BY: | DATE: |

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