



HALF SECTION A-A
(WITH FRAME AND COVER REMOVED)

NOTES:

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

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

CHES. STD. ST-1 STEPS SHALL BE PROVIDED IN ALL MANHOLES DEEPER THAN FOUR FEET. 24" MAX. FROM RIM TO FIRST STEP

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

CAST IRON TOP AND FRAMES SHALL BE SUFFICIENTLY TRUE TO PLANE SURFACE SO THAT TOPS WILL NOT ROCK.

ALL CONCRETE TO BE CLASS A-3.

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"). THE INSIDE JOINTS SHALL BE NEATLY POINTED AND THE OUTSIDE OF SUCH WALLS, AS THEY ARE LAID, SHALL BE PLASTERED WITH MORTAR.

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.

		DESIGN AND CONSTRUCTION STANDARDS	
		STORM DRAIN MANHOLE BRICK (12"-48" PIPE) MAX DEPTH 6'	
08/01/03	REV. FOR INTERNET 2003	DR. BY:	DATE:
		CHK. BY:	DATE:
		APP. BY:	DATE:
DATE REVISIONS		<h1>MH-1A</h1>	