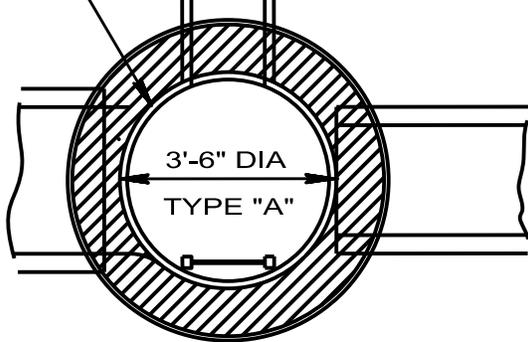


FLARED ENTRANCE TO OUTLET PIPE.

PERMANENTLY INSTALLED GALVANIZED-STEEL SIDE-RAIL LADDER, SECURELY ANCHORED, WILL CONFORM TO THE FOLLOWING SPECIFICATIONS: PROJECTION FROM WALL TO CENTER OF RUNGS, 7" (MINIMUM); LENGTH OF RUNGS, 16" (MINIMUM); AND VERTICAL SPACING OF RUNGS, 12" C TO C (MAXIMUM). LENGTH OF LADDER SHALL BE LOCATED A MINIMUM OF 6" FROM END OF RISERS AND TOP SECTIONS.

OMIT FIXED LADDER FROM INLETS NOT OVER 12' DEEP, MEASURED FROM TOP OF GRATE TO INVERT OF OUTLET PIPE.

REFERENCE: TM 5-820-4/ AFM 88-5, CHAPTER 4, DRAINAGE FOR AREAS OTHER THAN AIRFIELDS



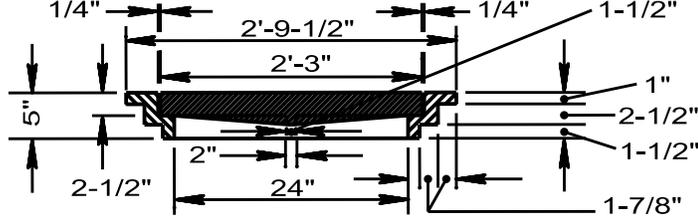
SECTION A-A

APPROXIMATE WEIGHT OF FRAME 215 LB
APPROXIMATE WEIGHT OF COVER 280 LB

LARGE LETTER "D" SHALL BE CAST IN CENTER OF COVER

HALF PLAN-MANHOLE COVER AND FRAME

FOR MANHOLES SO LOCATED THAT COVER WILL NOT BE SUBJECTED TO TRAFFIC, THE THICKNESS OF COVER SHOWN AT "X" AS 1-3/4" MAY BE 1" MAKING WEIGHT OF COVER APPROXIMATELY 200 LBS.



SECTION-MANHOLE AND FRAME

STANDARD STORM DRAIN MANHOLE	DATE AUG 1992	FIGURE 2-351
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