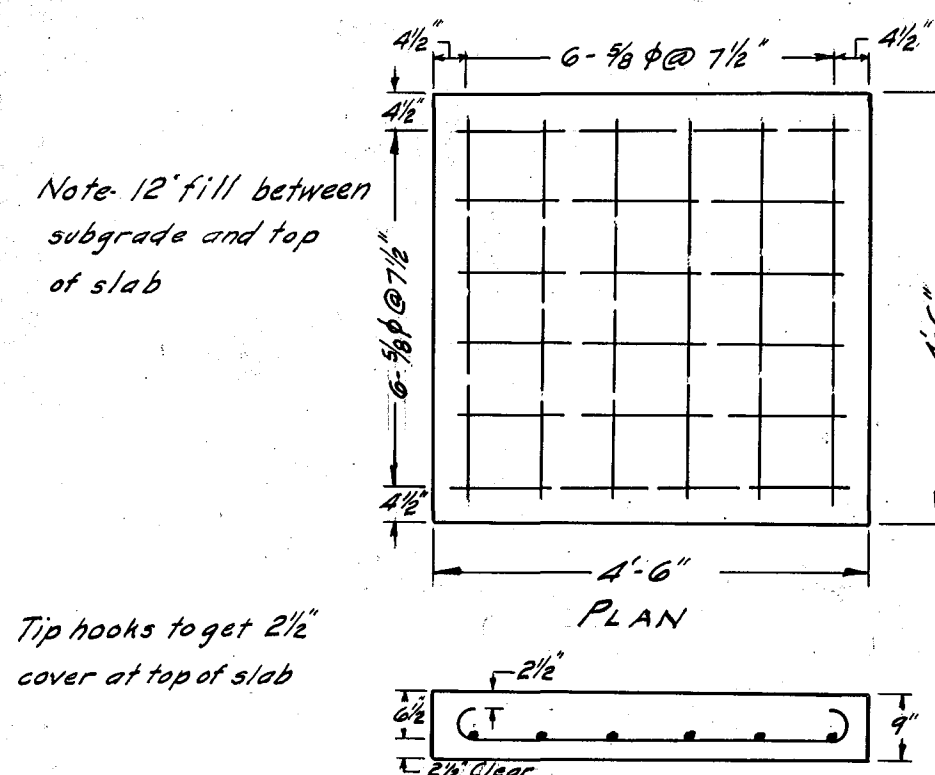
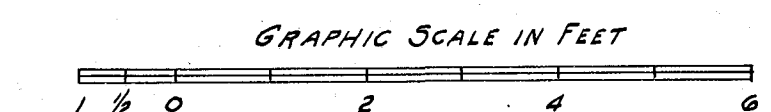
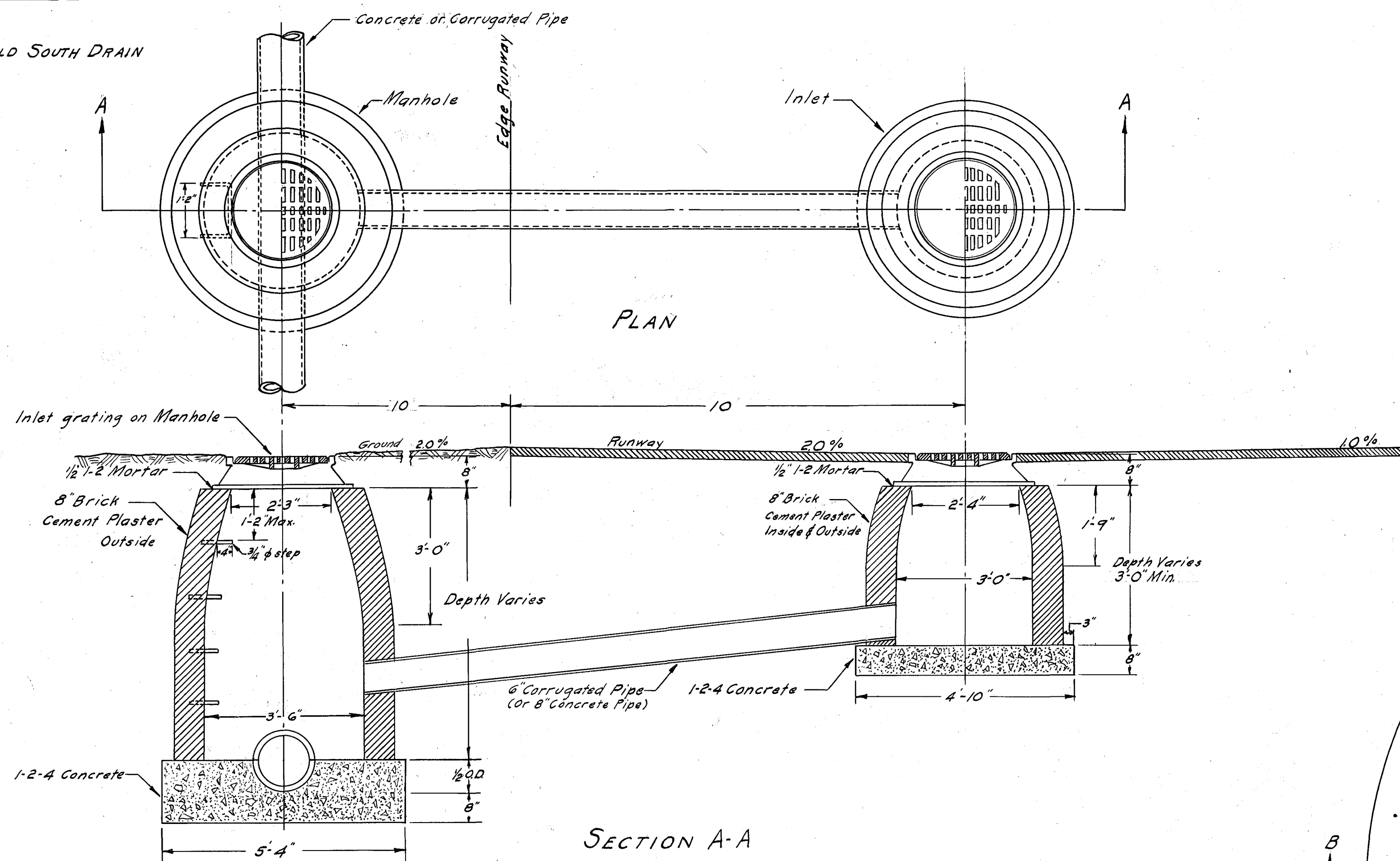


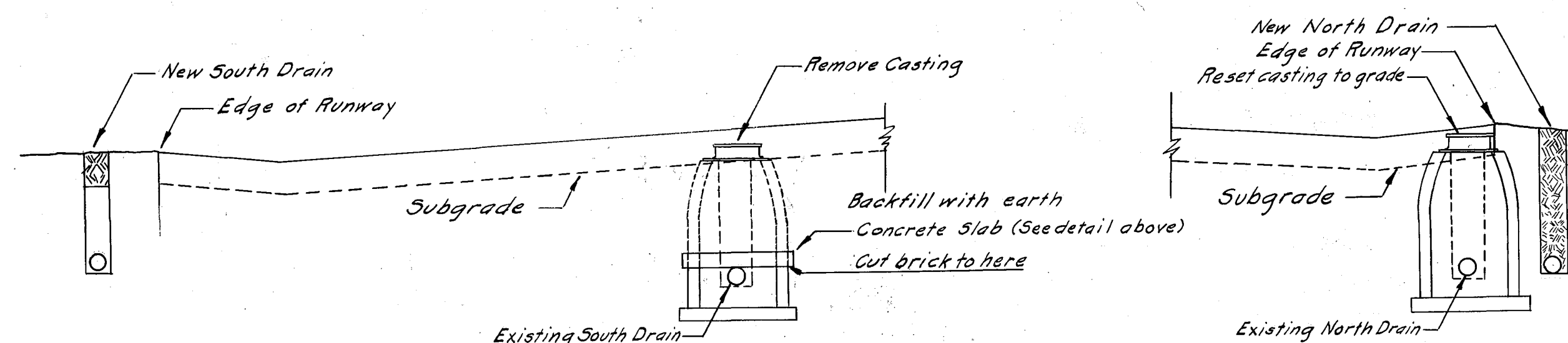


Steel- $12 \times 5.25 \times 1.04 = 66\#$
 Concrete- $4.5 \times 4.5 \times 0.75 = 15.2 \text{ cu ft} = 0.56 \text{ cu yd} = (3000\#)$

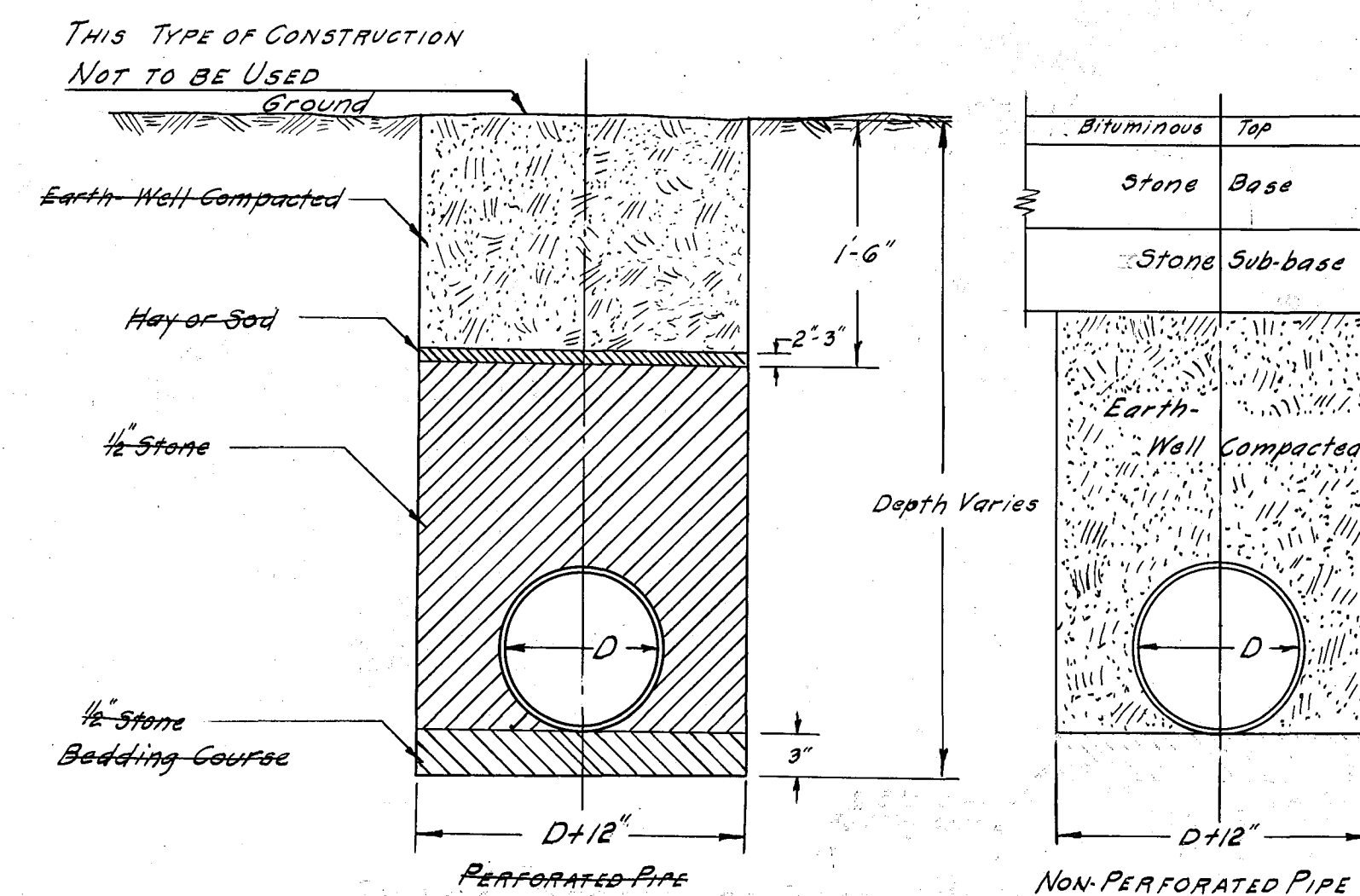
MANHOLE COVER FOR OLD SOUTH DRAIN



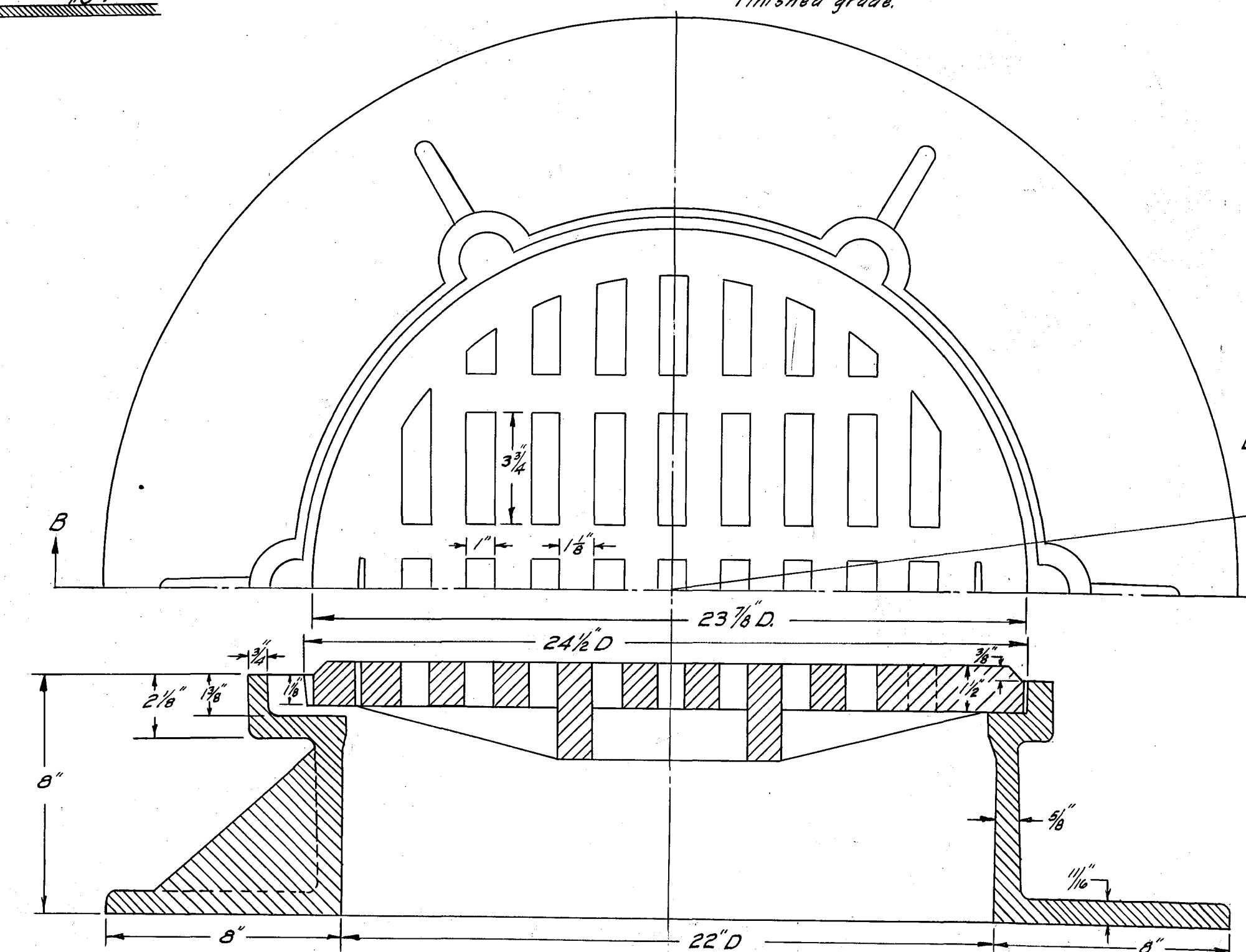
TYPICAL MANHOLE & INLET



NO SCALE

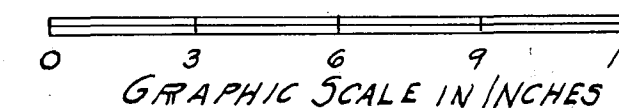


TYPICAL SECTIONS OF DRAIN
 Note: When pipe is laid adjacent to runway, earth backfill is brought to finished grade.



CAST IRON MH GRATE & FRAME

Approximate Weight Grate 197 lbs.
 Approximate Weight Frame 260 lbs.
 Effective Grate Opening 120 sq. in.
 Allowable Uniform Load 90 lbs/sq. in.



CITY OF HARTFORD, CONN.
 HARTFORD MUNICIPAL AIRPORT

DRAINAGE DETAILS

City of Hartford	Department of Engineering
APPROVED	City Engineer
DATE	
APPROVED	
DATE	
DRAWN	CHECKED
DATE	SHEET IV OF 18
	CONN. PROJECT NO.

DAYBOOK NO. 08985