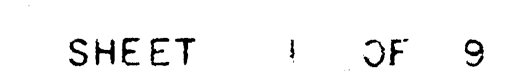
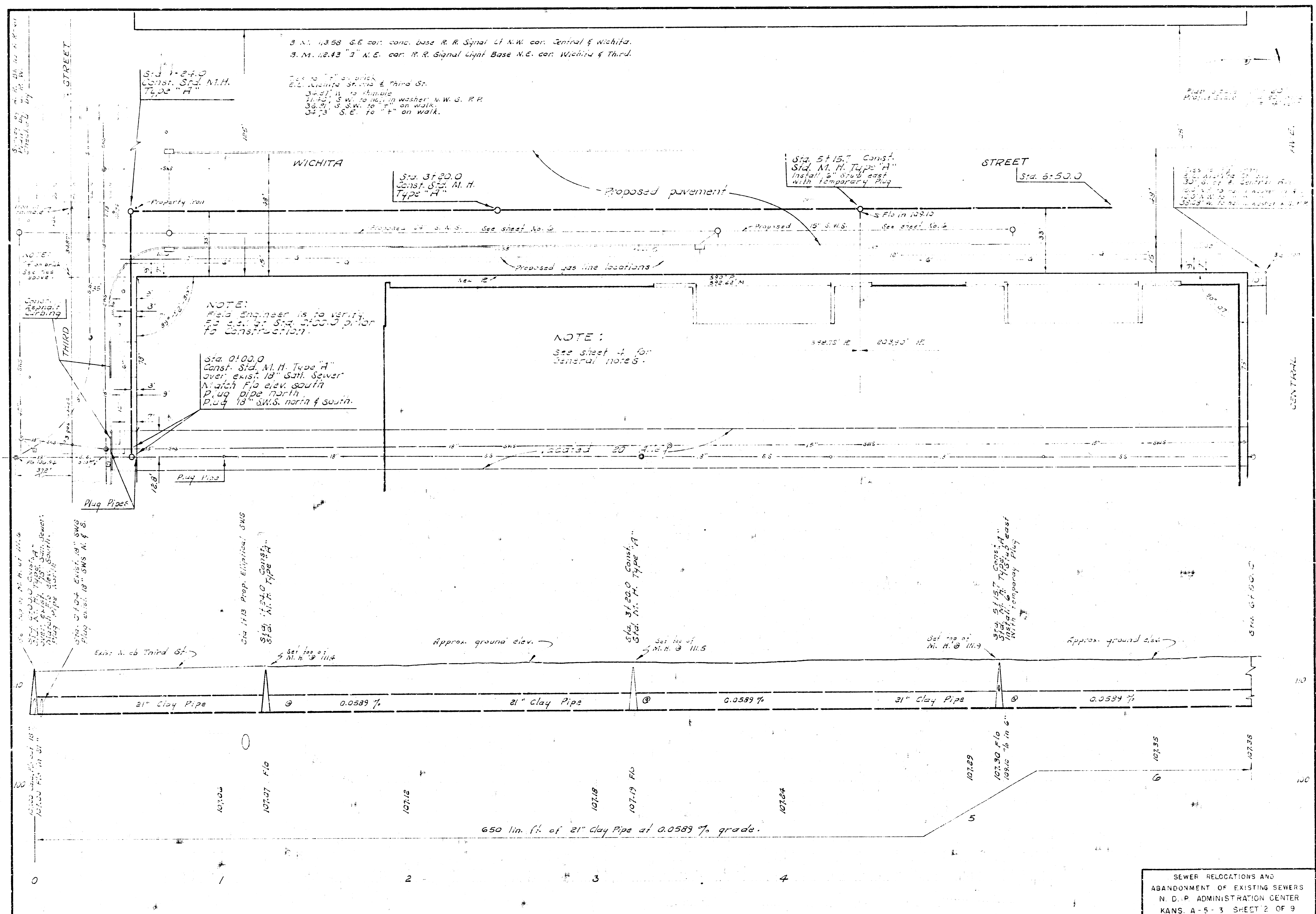
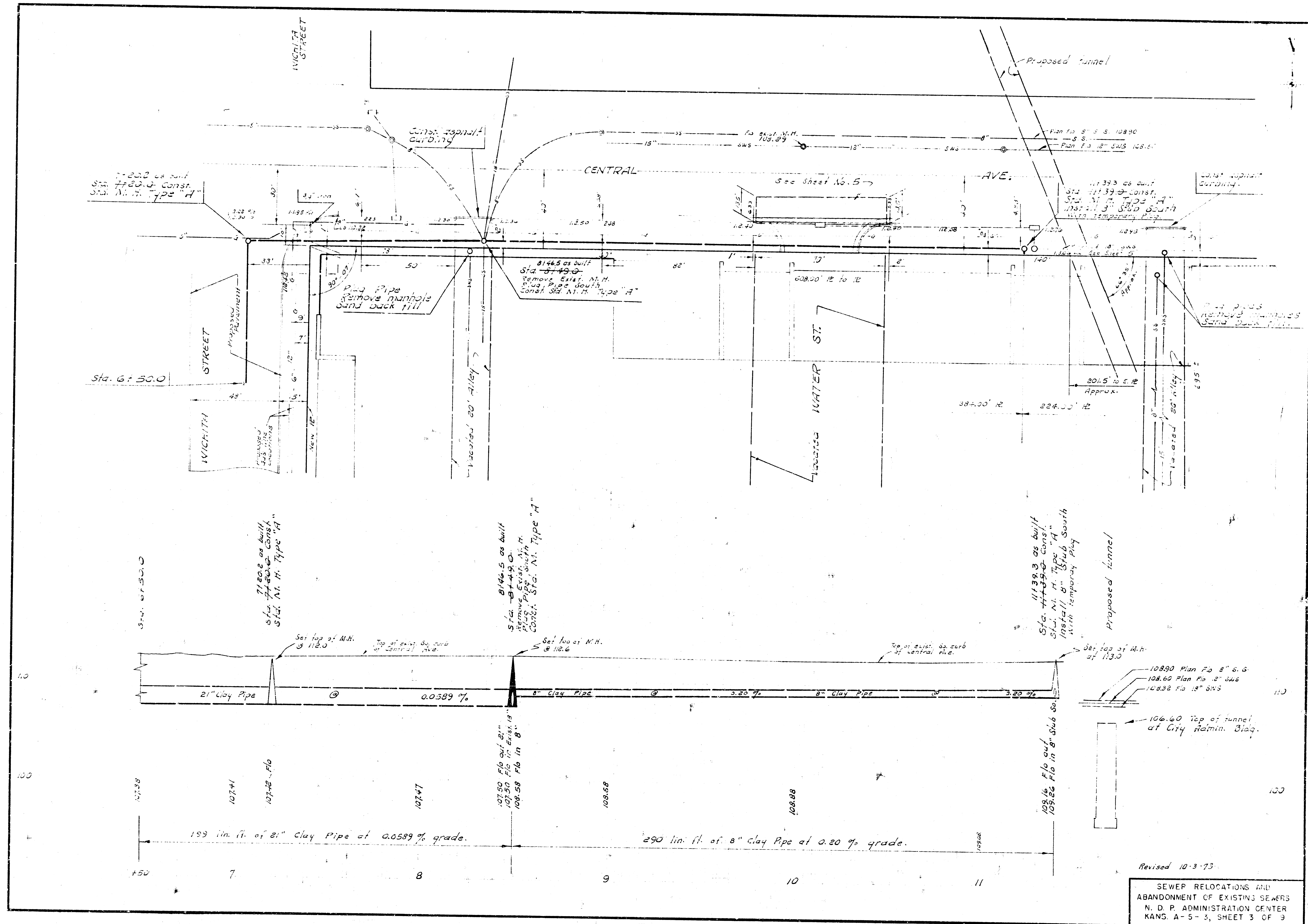
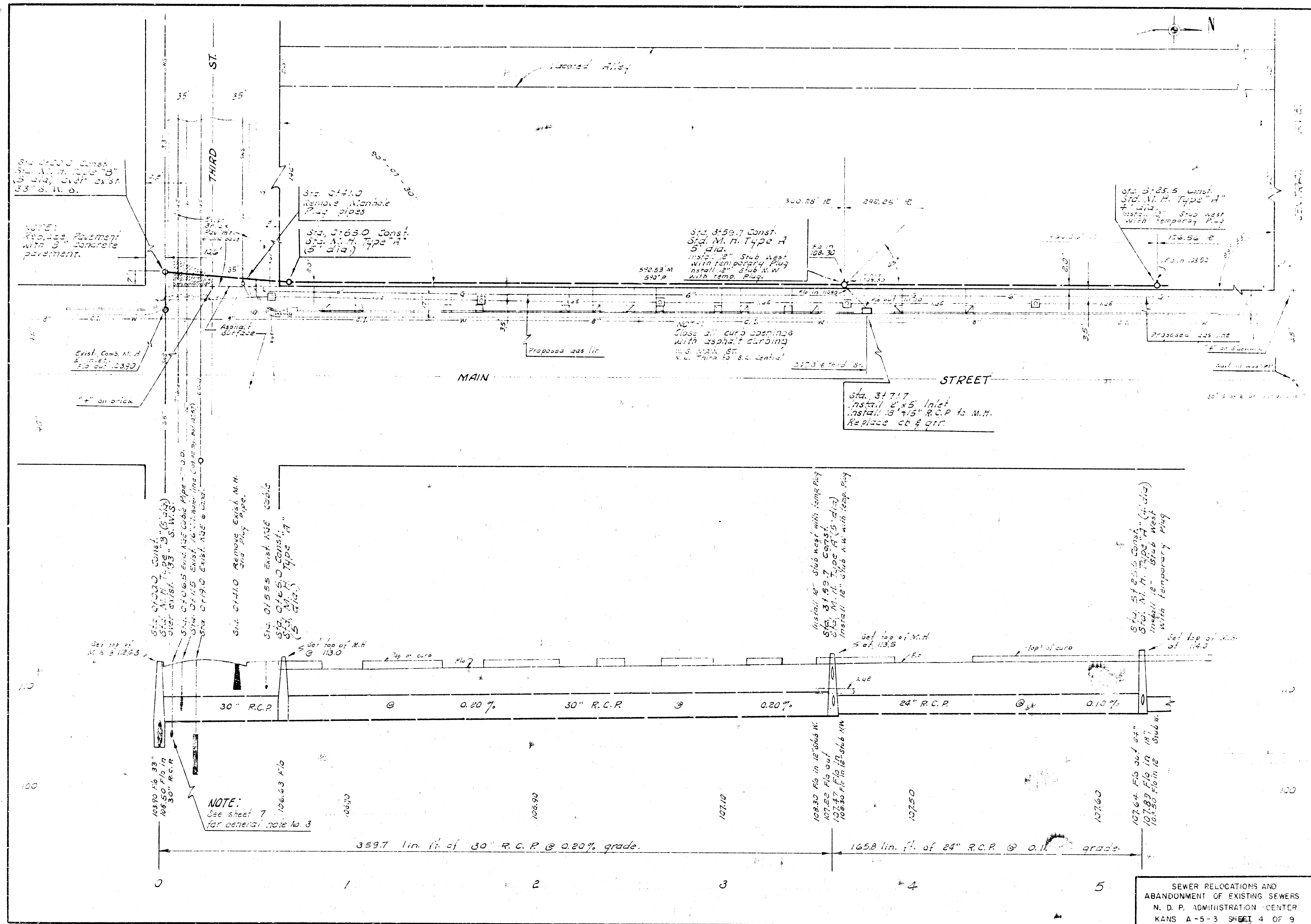


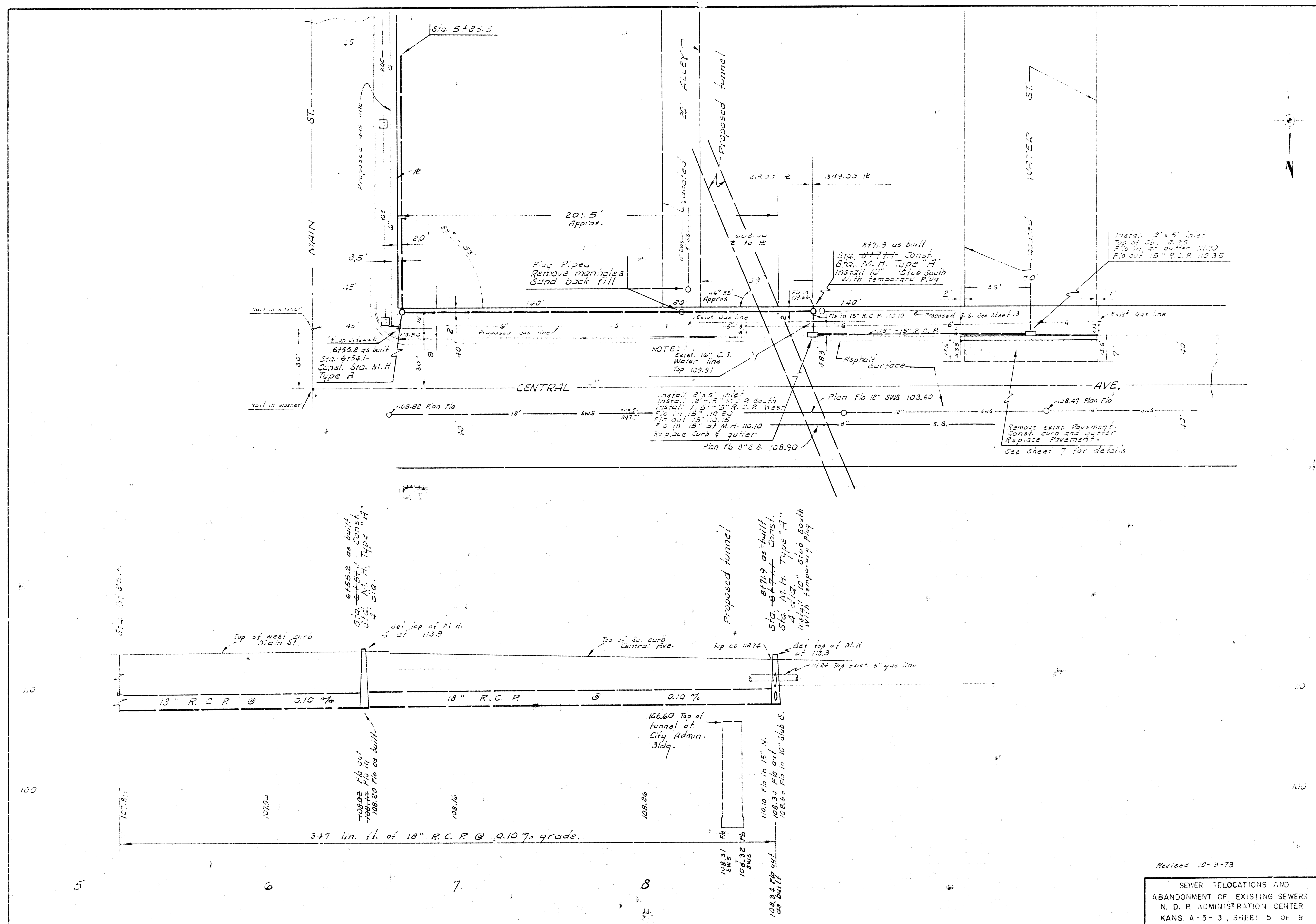
SCALE 1" = 50'

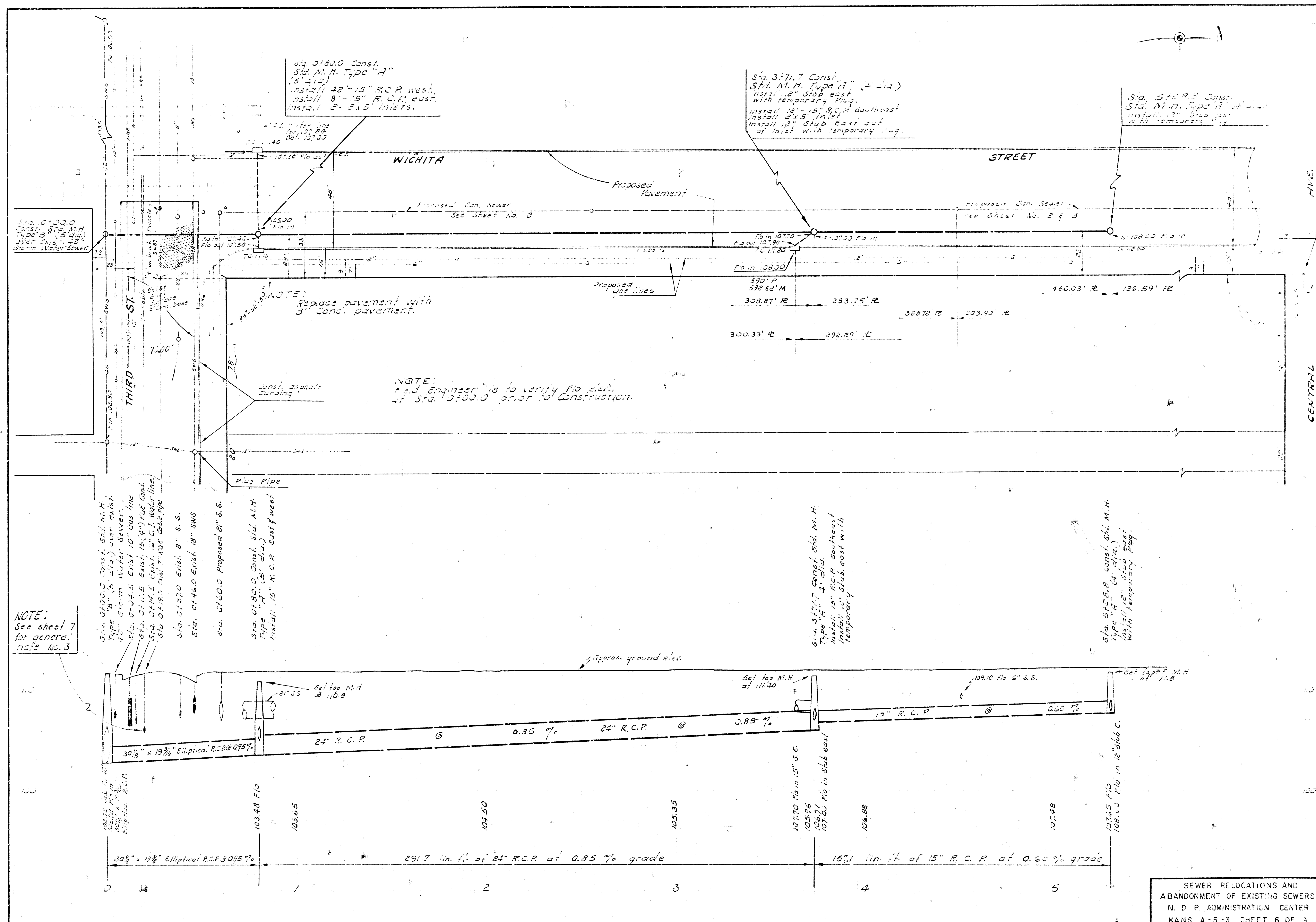


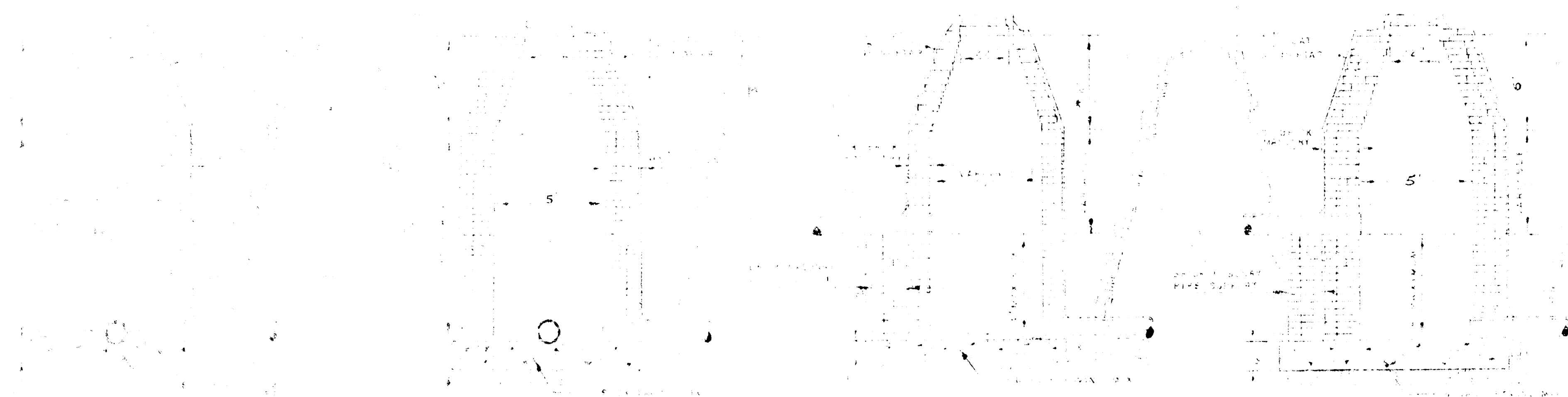










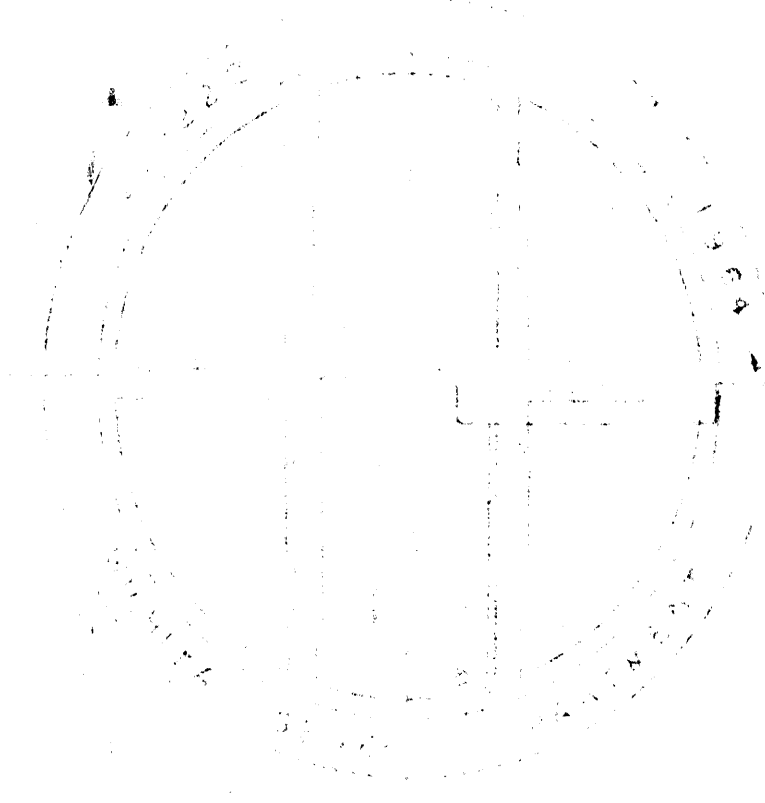


STANDARD MANHOLE
TYPE "A"

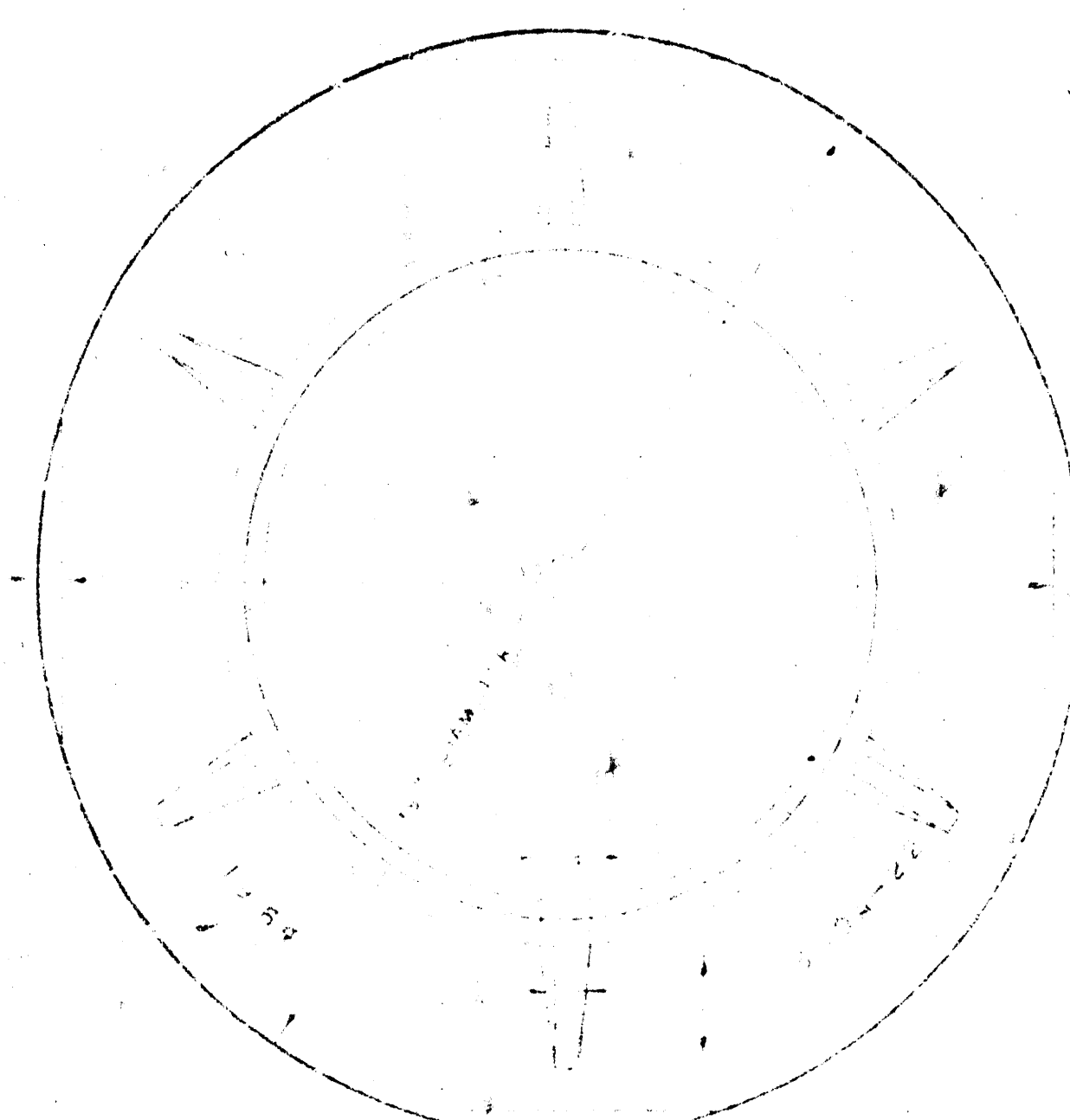
STANDARD MANHOLE
TYPE "B"

DROP MANHOLE
TYPE "A"

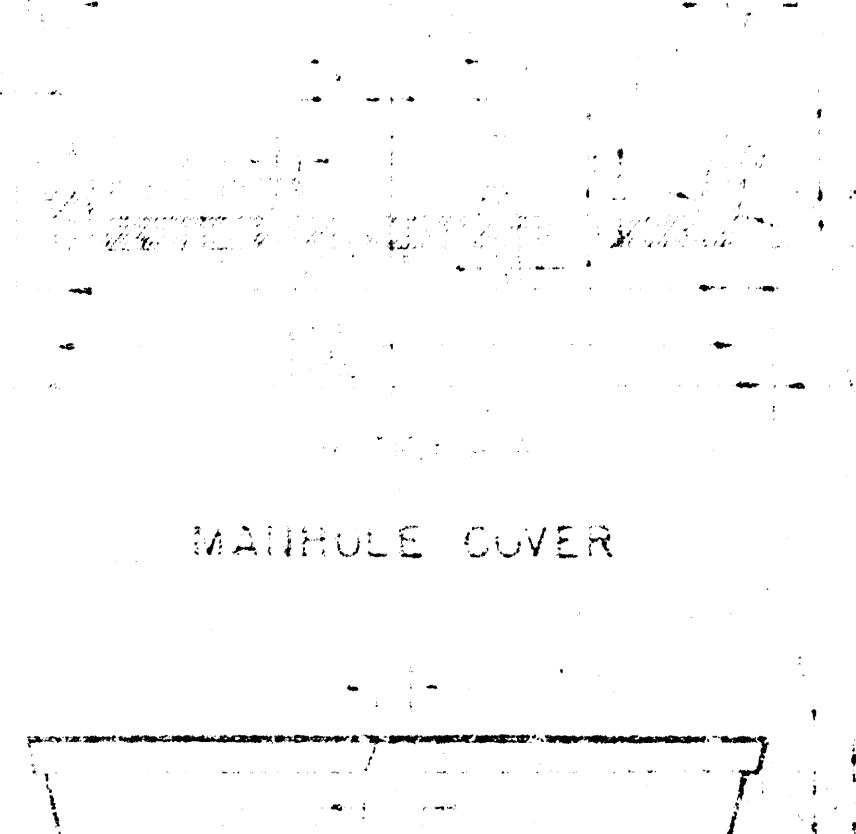
DROP MANHOLE
TYPE "B"



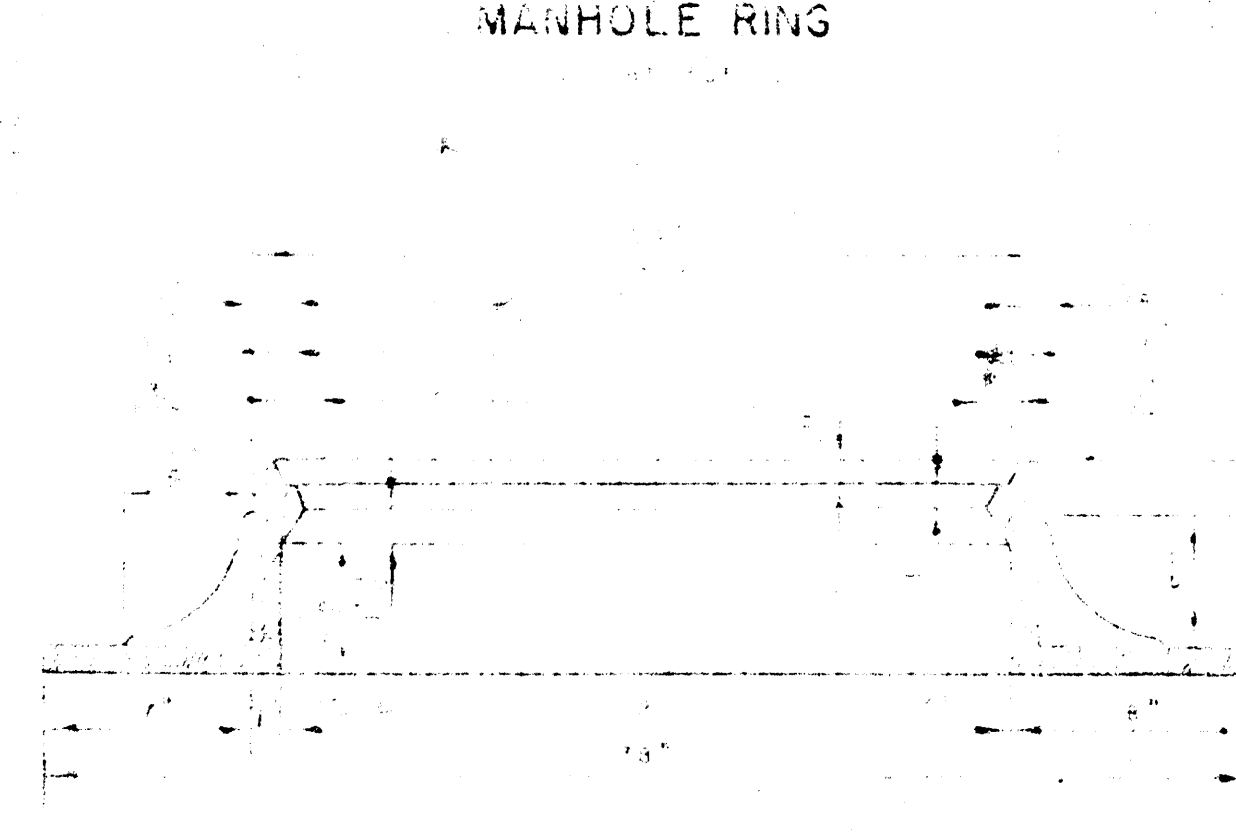
MANHOLE COVER



MANHOLE RING



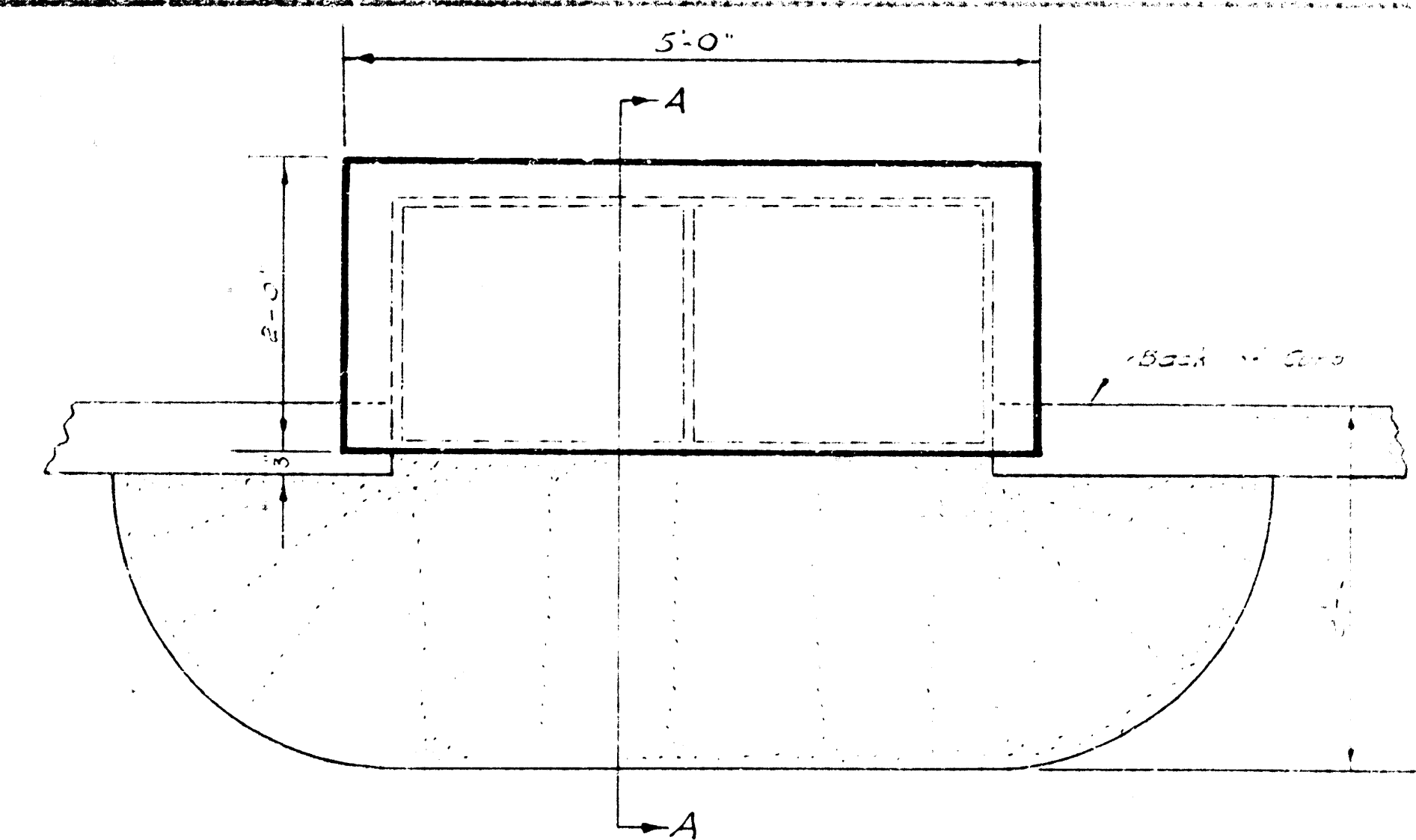
MANHOLE COVER



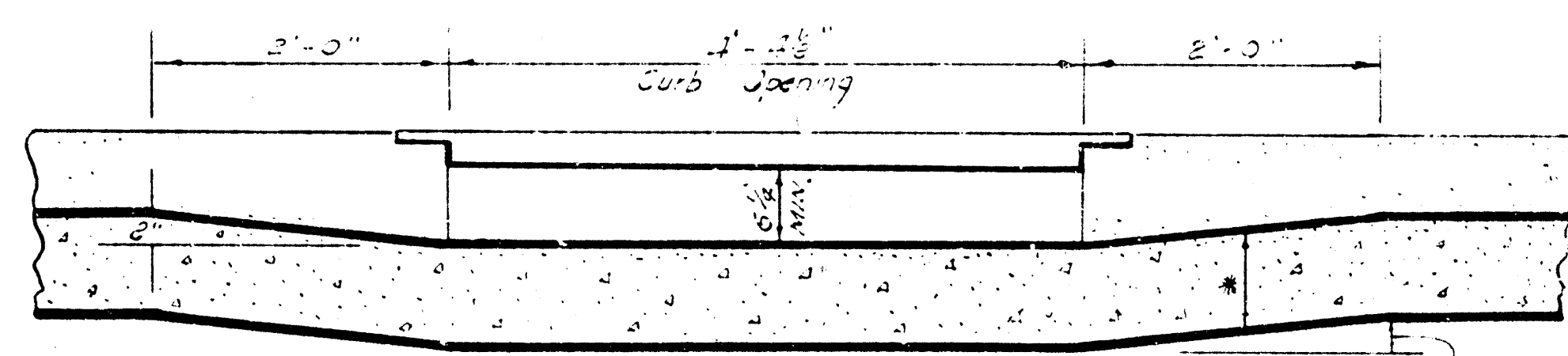
MANHOLE RING

MANHOLE COVER

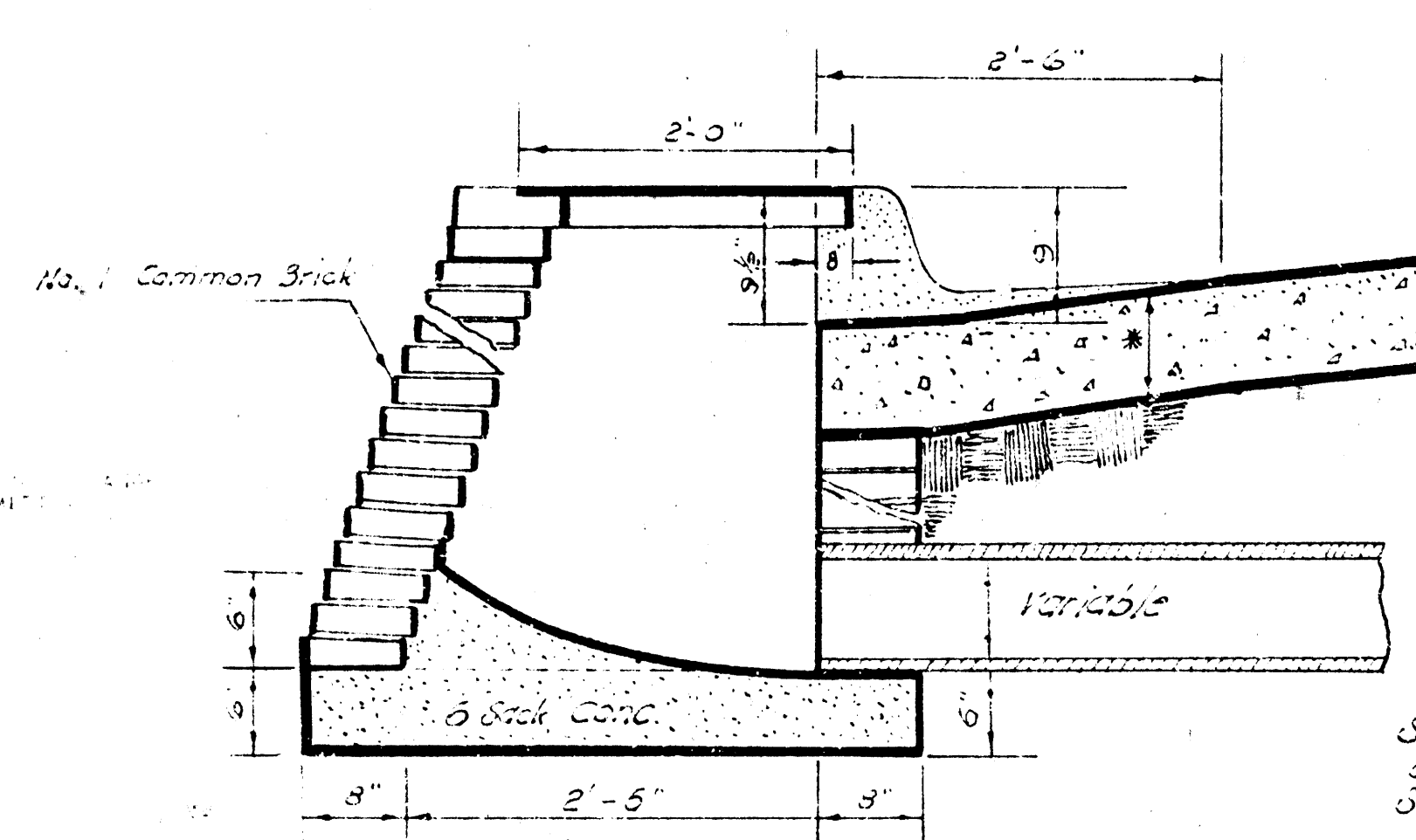
NOTE: IN ALL CASES, THE COVER
AND THE RING SHALL BE SET TO
RING TO BE MACHINE FIT.



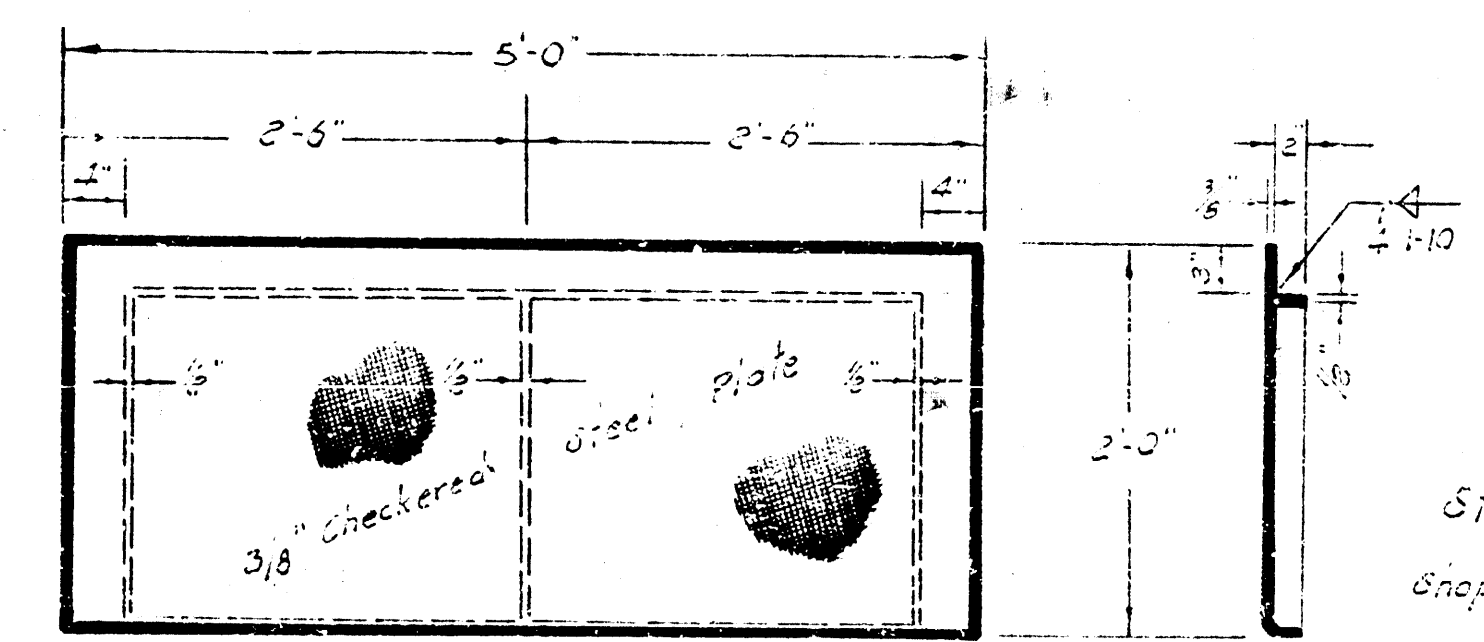
PLAN



ELEVATION



SECTION A-A
Scale: 1/4" = 1'-0"



PLAN

SECTION



ELEVATION

SEWER RELOCATIONS AND
ABANDONMENT OF EXISTING SEWERS
N. D. P. ADMINISTRATION CENTER
KANS. A-5-3 SHEET 8 OF 9

NOTES

1. All materials to be furnished and installed by the Contractor. The Water Dept. will shut down the main.
2. The Contractor will remove the existing 16" Cast Iron Pipe, leaving a waste cut at right angles to the axis of the pipe at each end.
3. All Cast Iron Pipe and Fittings to be wrapped in Polyethylene film and sand encased.
4. Concrete thrust blocks will contain approximately two cu yd of concrete each.
5. Cast Iron Pipe will be cut to exact length or spool length. Cut from the same diameter pipe will be used to remove any block in the new pipe and fittings.
6. All backfill to be compacted to original density with 30 min. earth fill below sub-grade of paving where possible.

