

PLANS
FOR

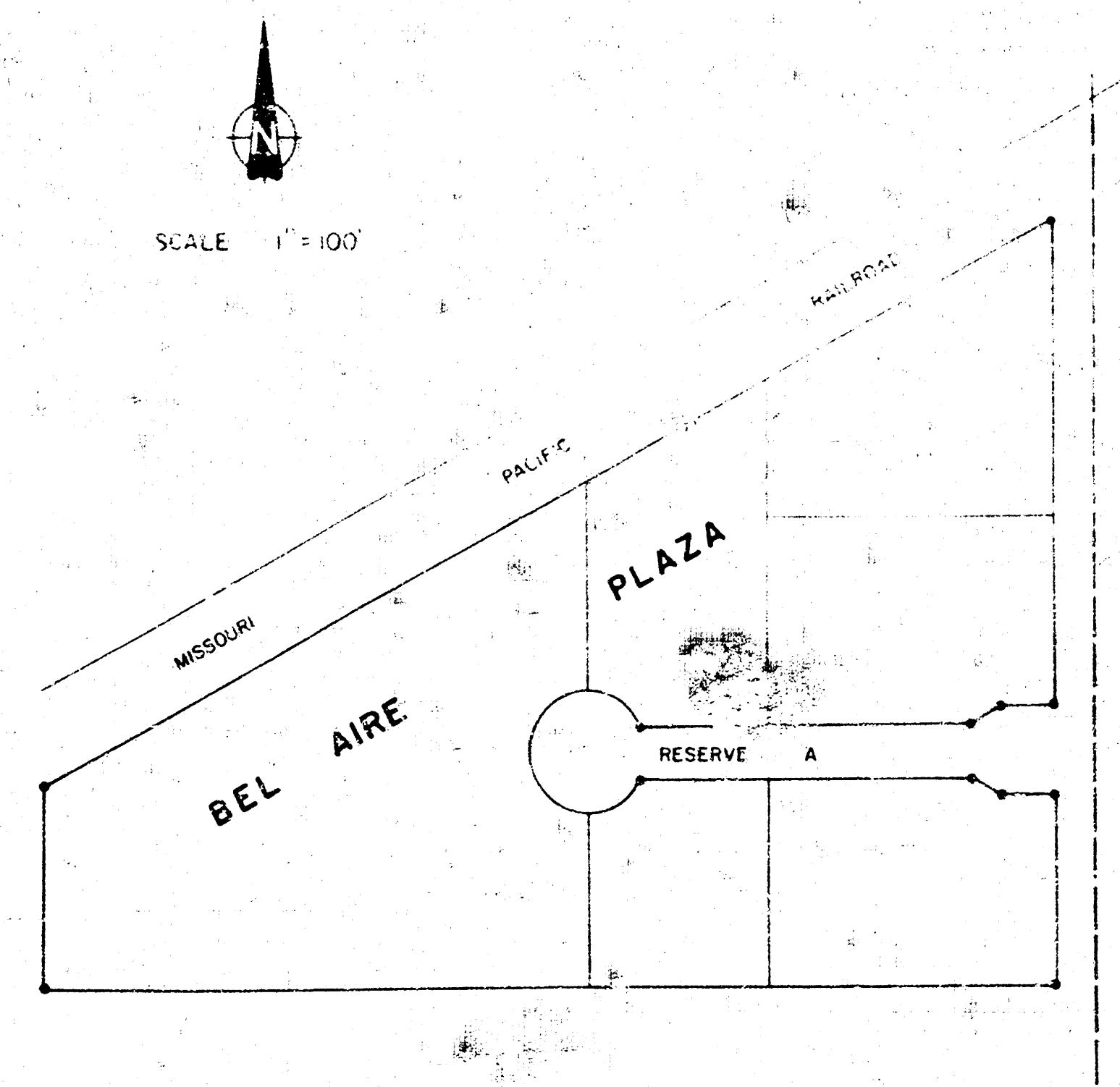
SANITARY SEWER EXTENSIONS

BEL AIRE PLAZA

AN ADDITION TO
BEL AIRE, SEDGWICK COUNTY, KANSAS

1983

SU 183



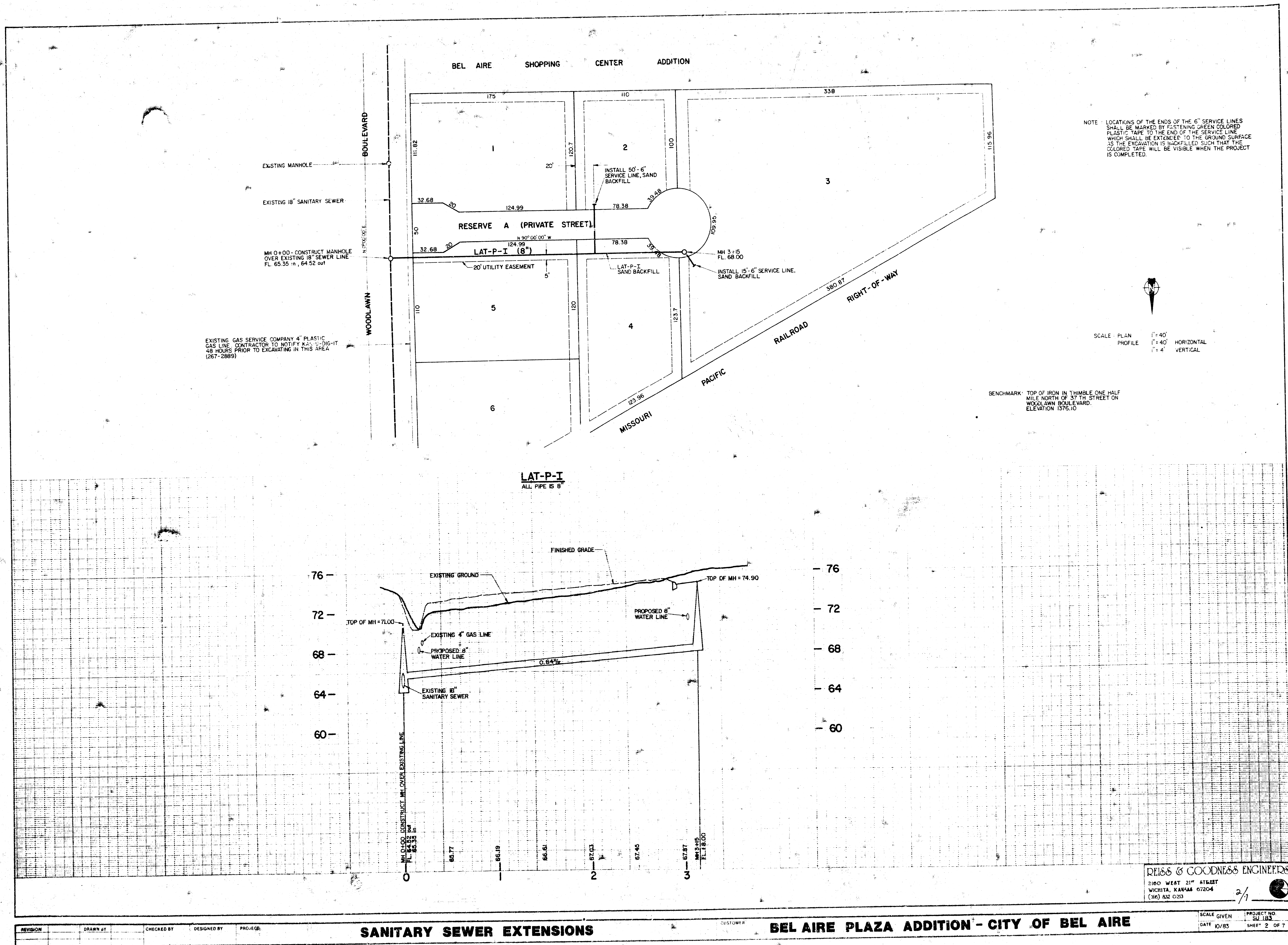
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers *ELB 11/3/83*
Storm Sewers
Driveway Approaches

NOTE TO CONTRACTOR
This project will be constructed under
the supervision of the CITY ENGINEER
and conforming to the SPECIFICATIONS
of the CITY OF WICHITA. THE CON-
TRACTOR will be responsible for the
for the cost of relocation.

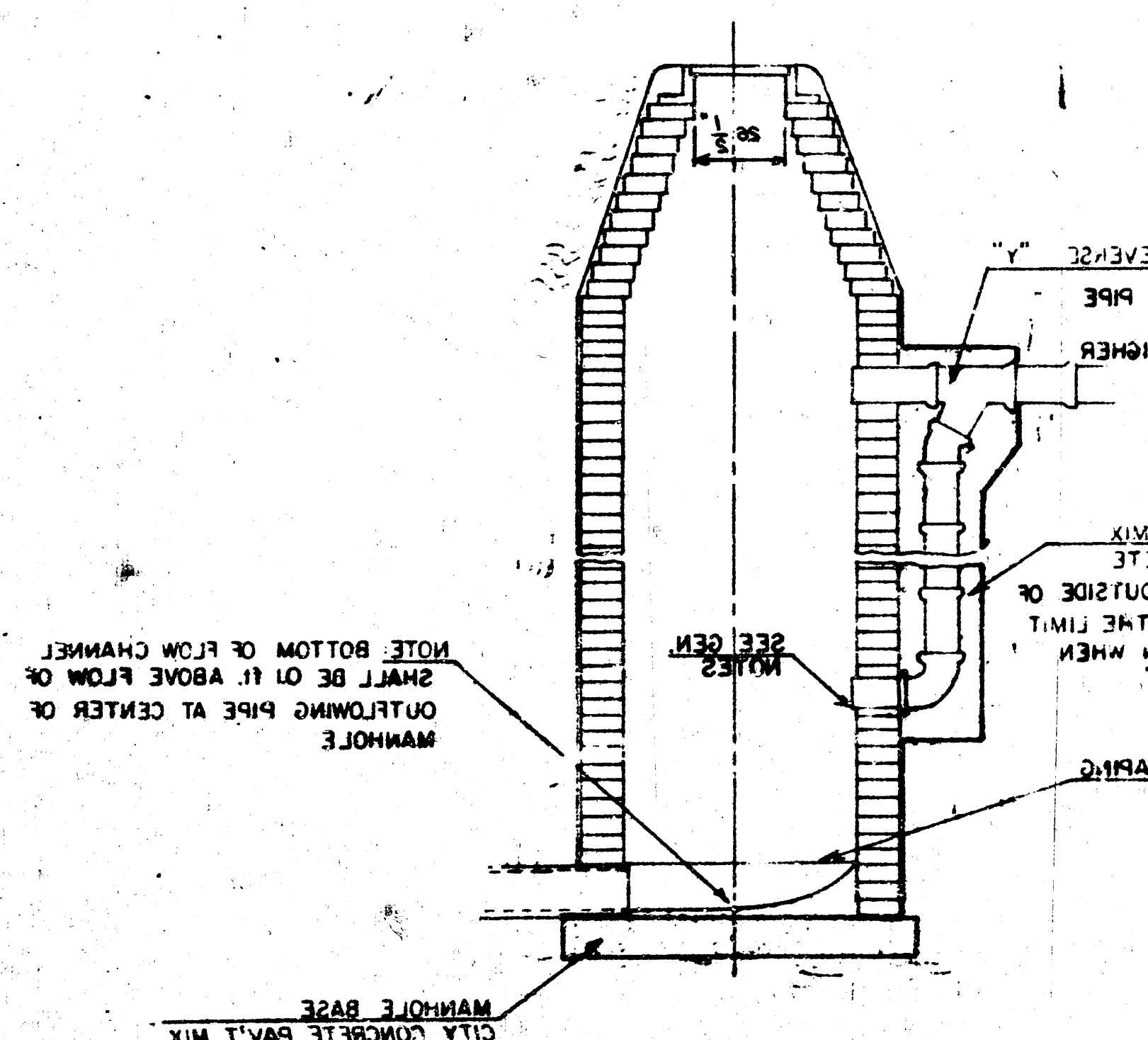
REISS & GOODNESS ENGINEERS
2100 WEST 21ST STREET
WICHITA, KANSAS 67203
(316) 842 0233

REVISION	DRAWN BY	CHECKED BY	DESIGNED BY	PROJECT	CUSTOMER	SCALE GIVEN	PROJECT NO.
						DATE 10/83	SU 183
							SHEET 1 OF 7

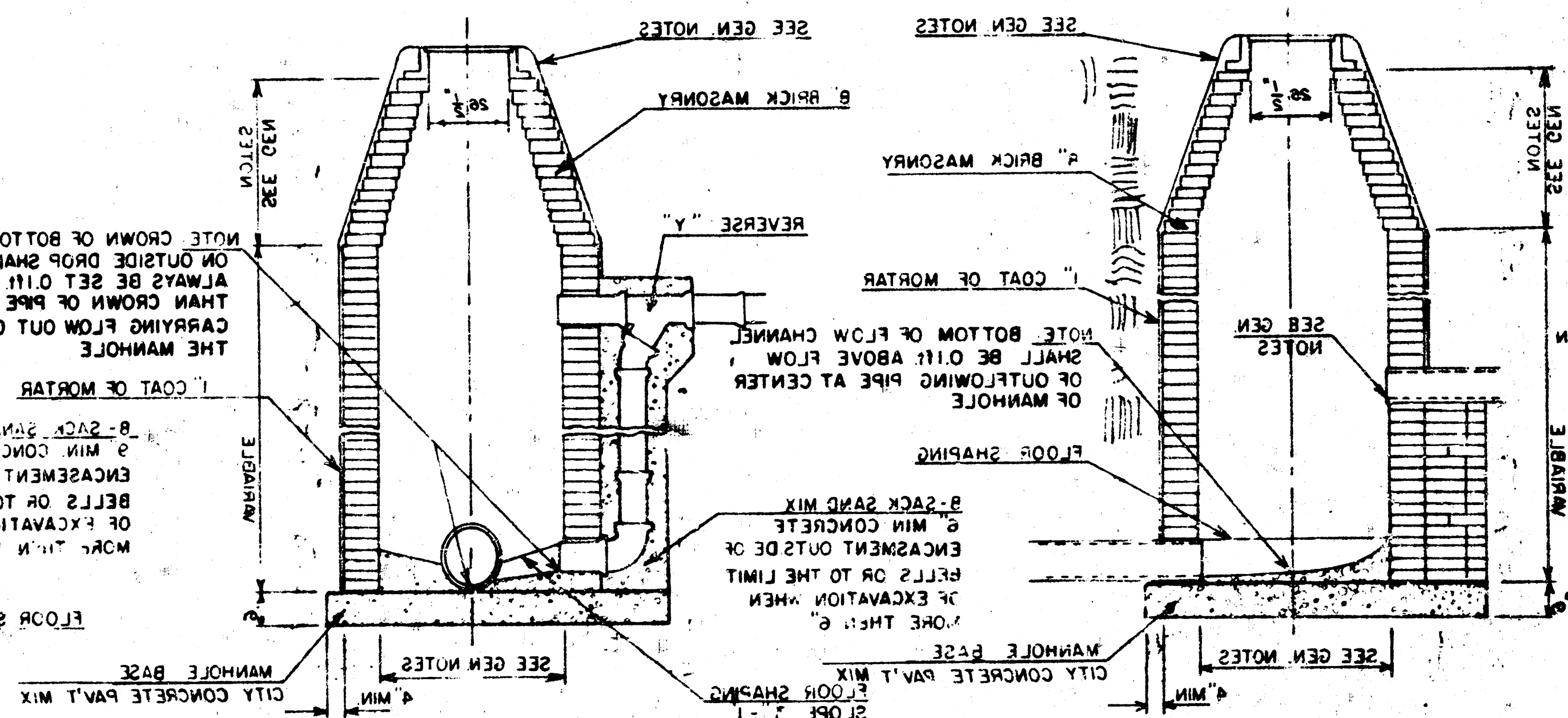
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AVAILABLE COPY



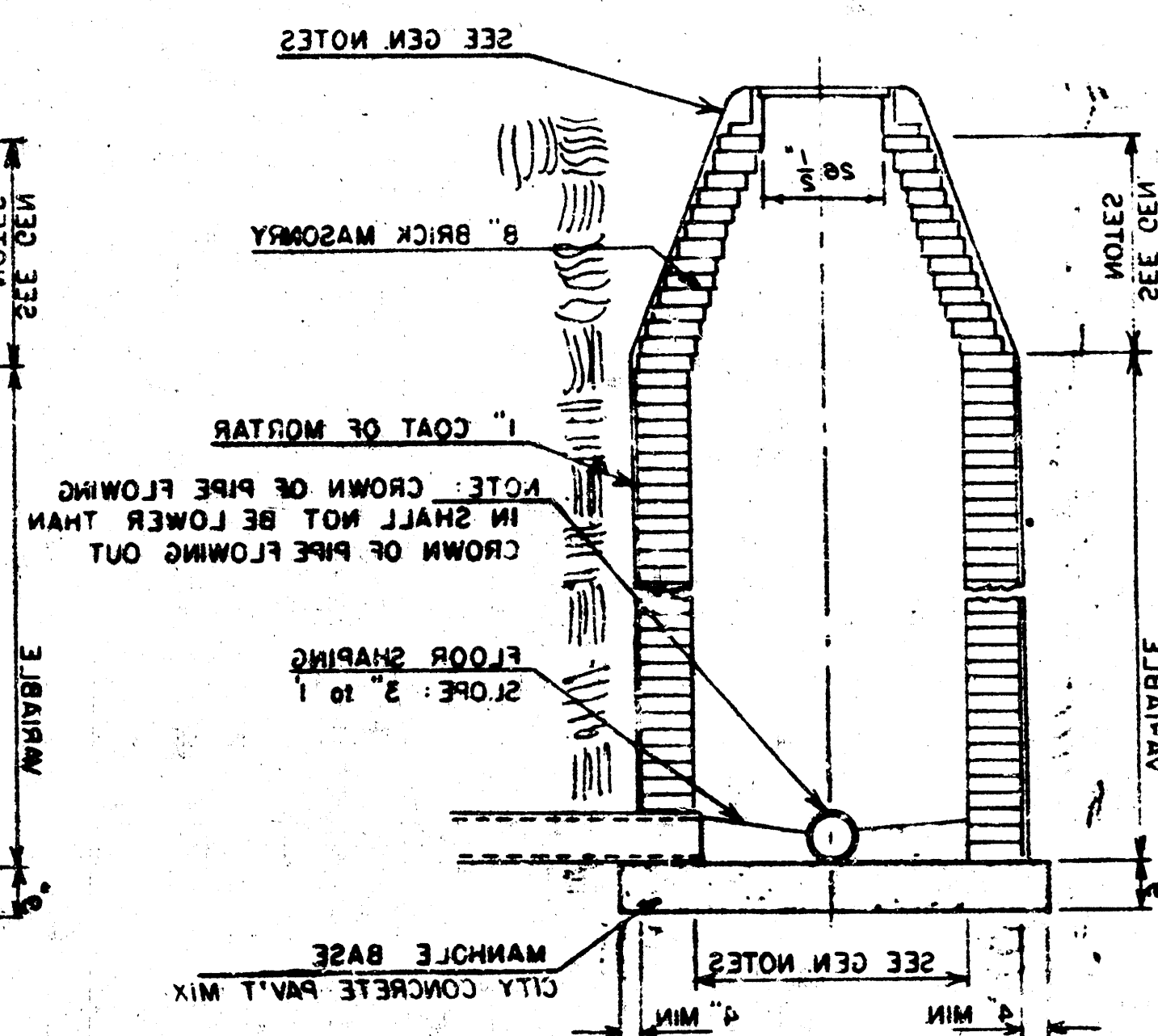
TYPE "A" OUTSIDE DROP MANHOLE



TYPE "A" INSIDE DROP MANHOLE



TYPE "A" MANHOLE

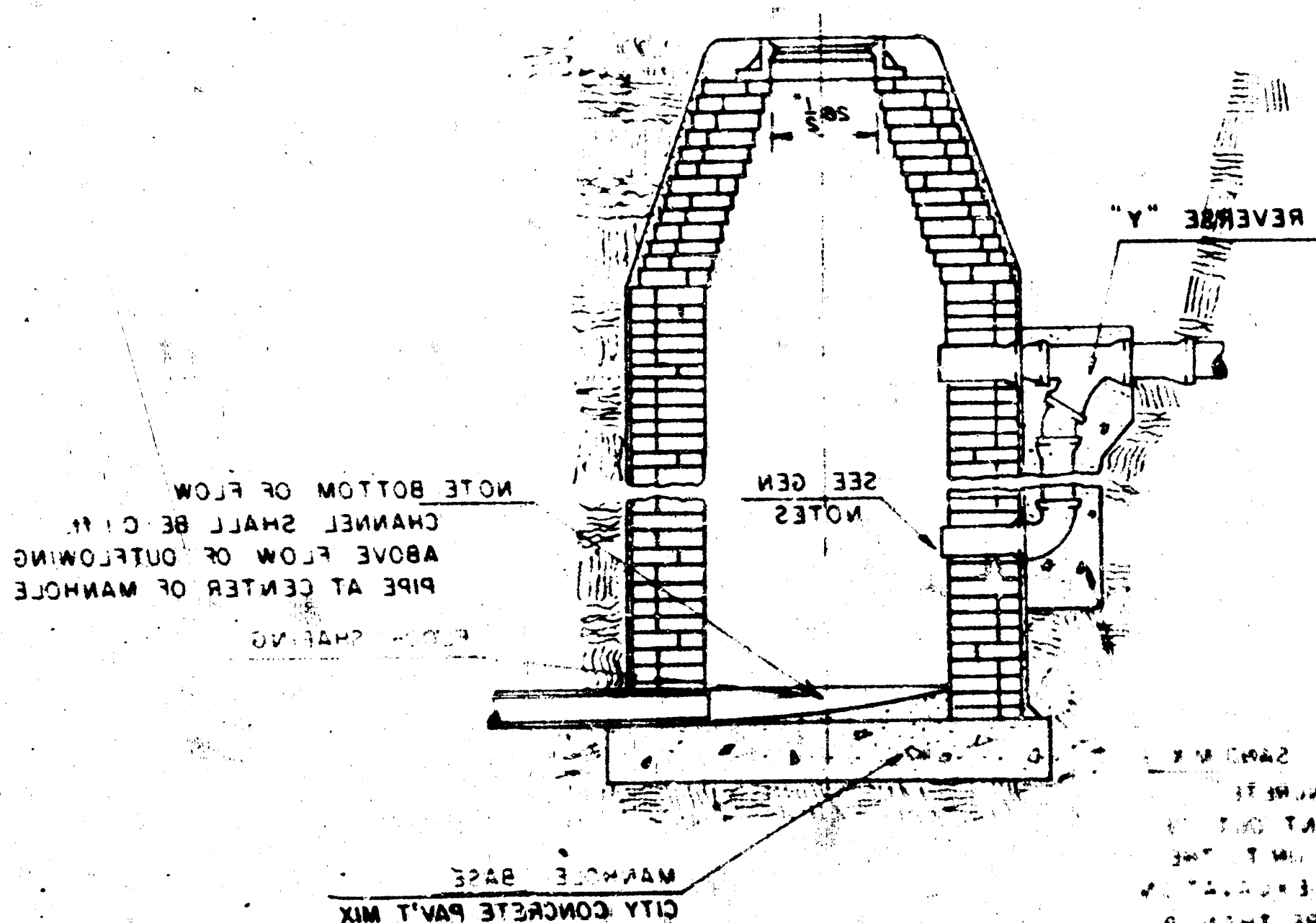
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SEWER APPURTENANCES DETAILS

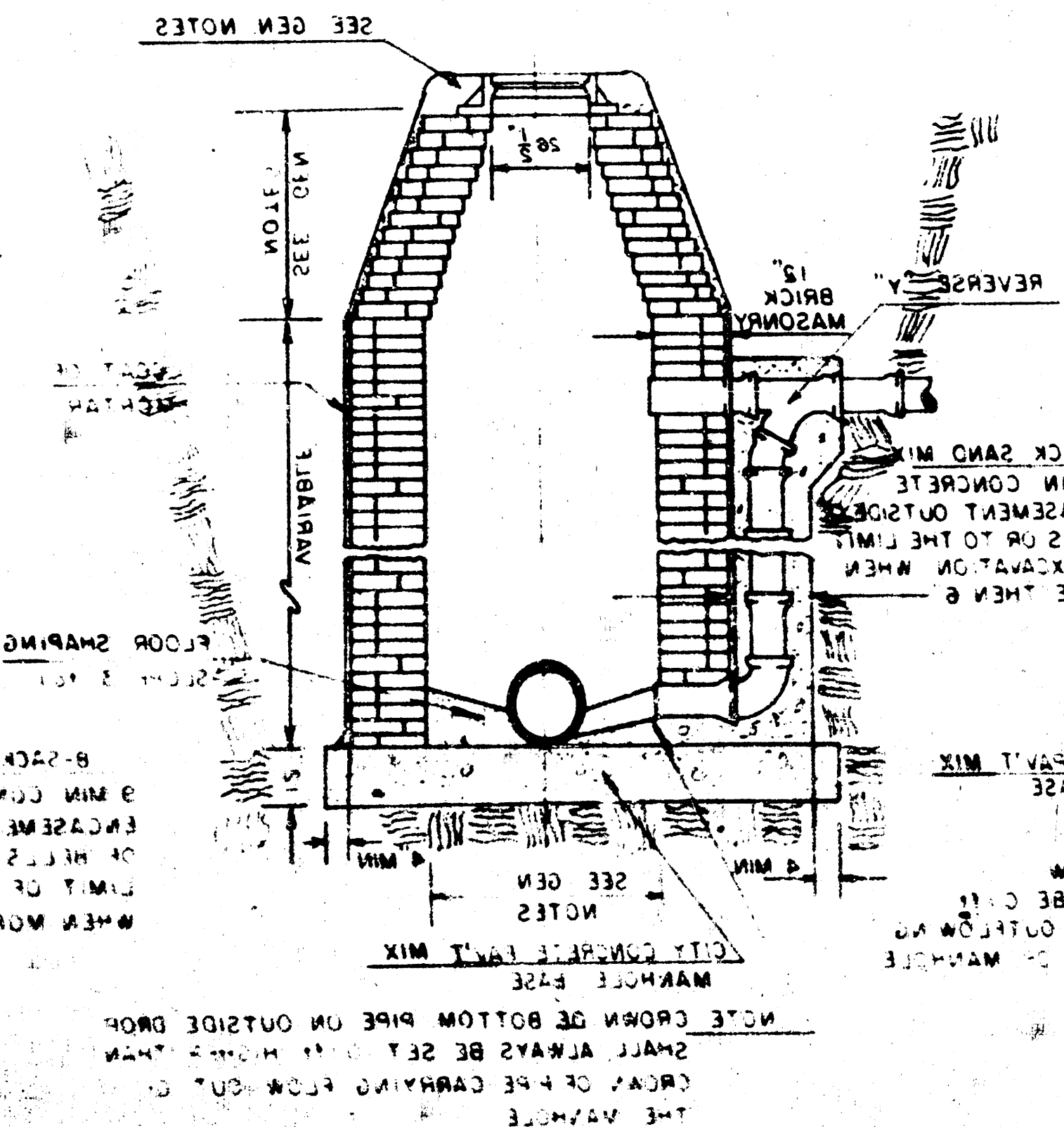
ADOPTED AS STANDARD DESIGN
BY

City of Wichita, Kansas

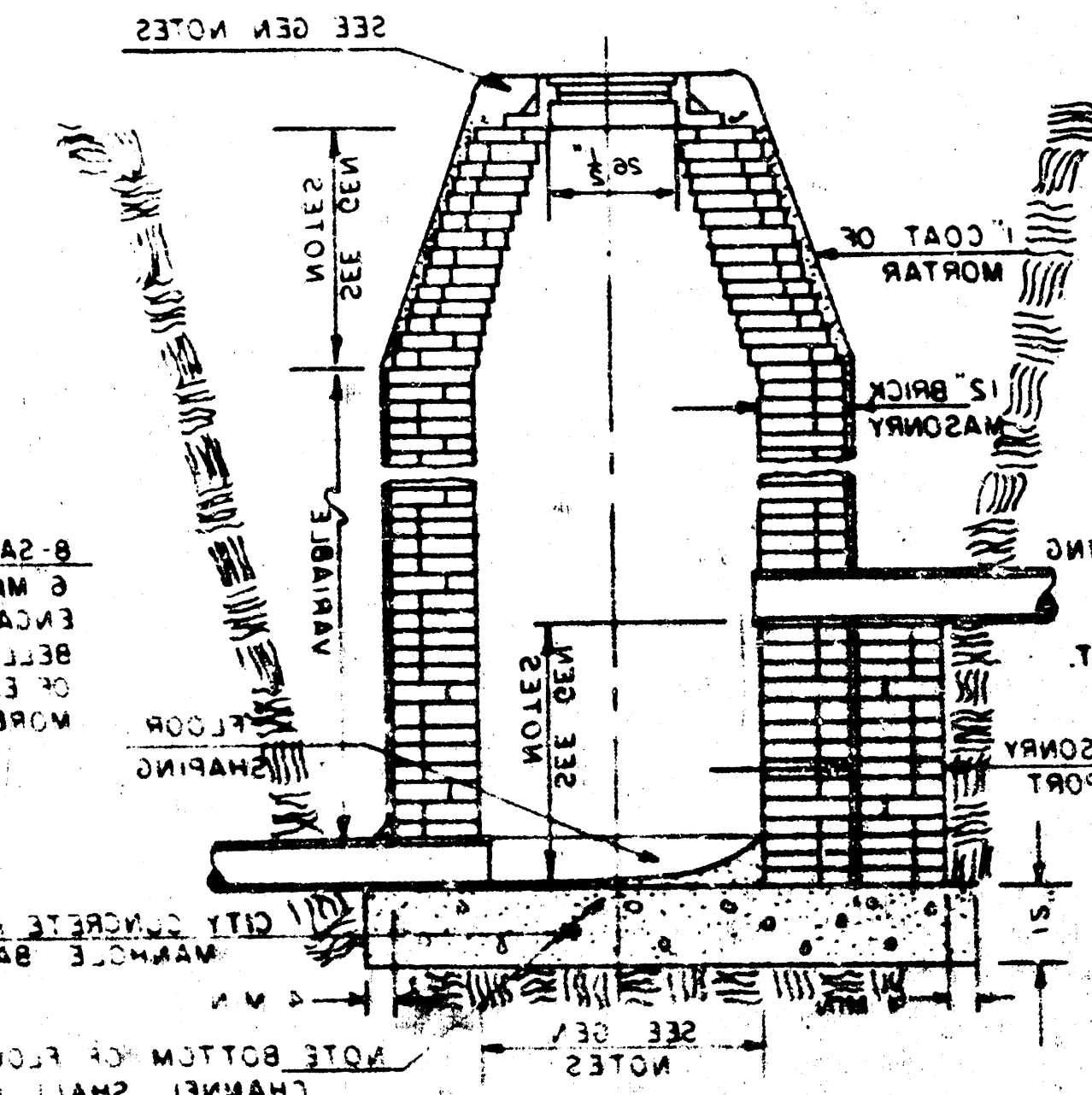
DETAIL OF OUTSIDE DROP
CONSTRUCTED ON EXISTING MANHOLE



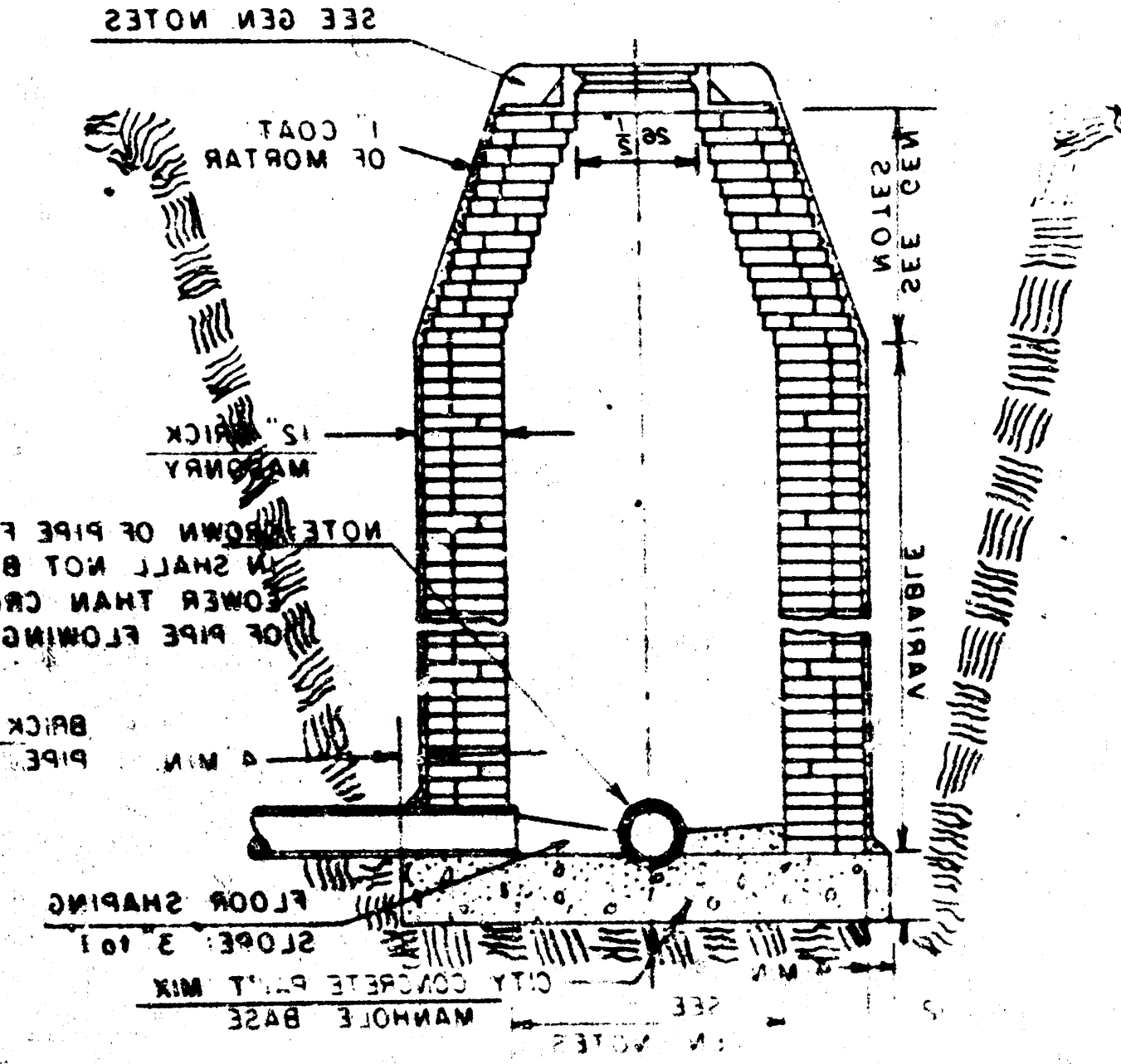
TYPE "B" OUTSIDE DROP MANHOLE



TYPE "B" INSIDE DROP MANHOLE



TYPE "B" MANHOLE



GENERAL NOTES

1. THE FLOOR OF ALL MANHOLES SHALL BE SHAPED WITH A MINIMUM CHANNELS SLOPE OF 1/8" PER FOOT. THE MANHOLE SHALL BE SHAPED TO THE CENTER OF THE MANHOLE. THE FLOOR SHALL BE SHAPED TO THE CENTER OF THE MANHOLE. THE FLOOR SHALL BE SHAPED TO THE CENTER OF THE MANHOLE.
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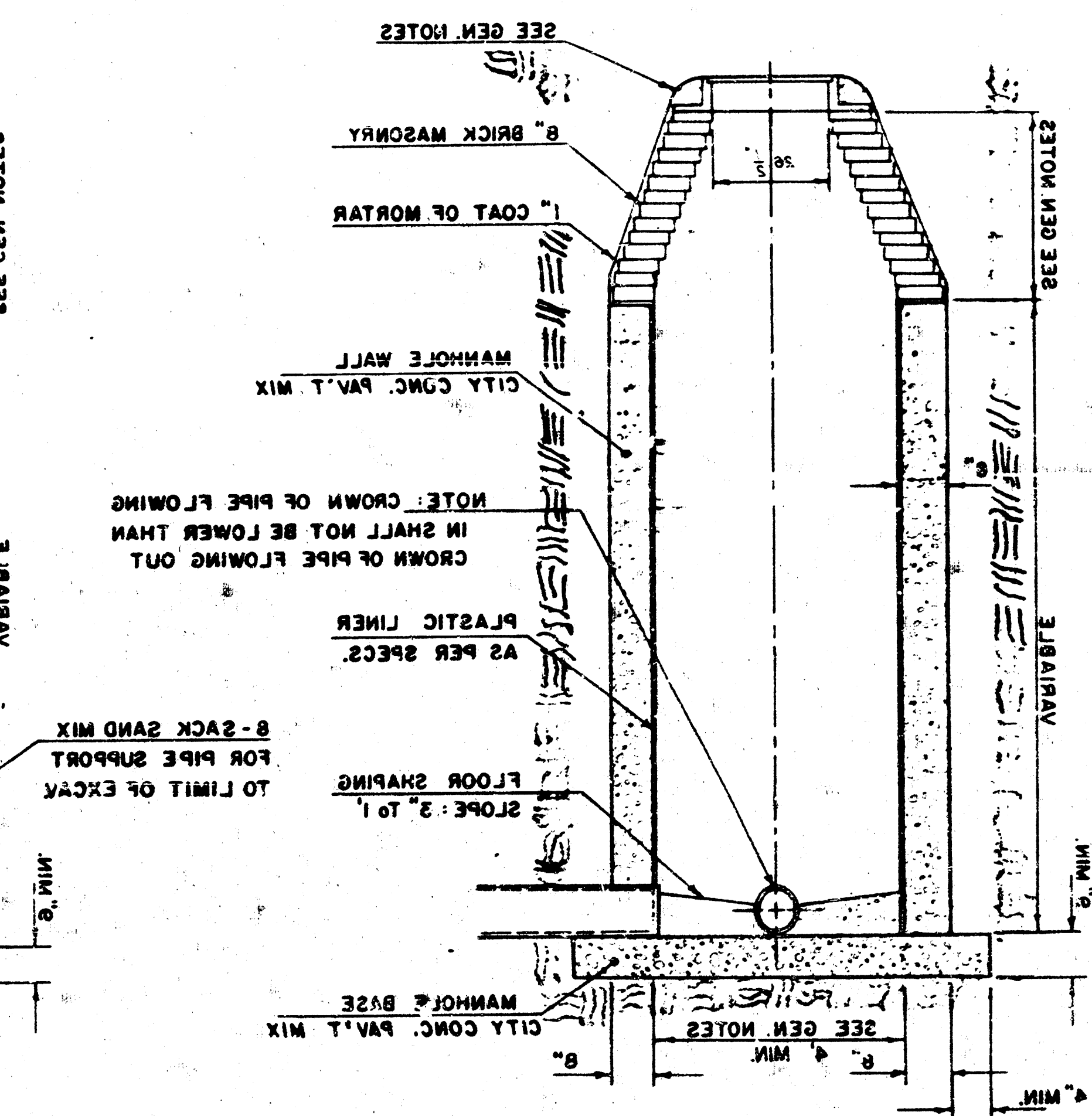
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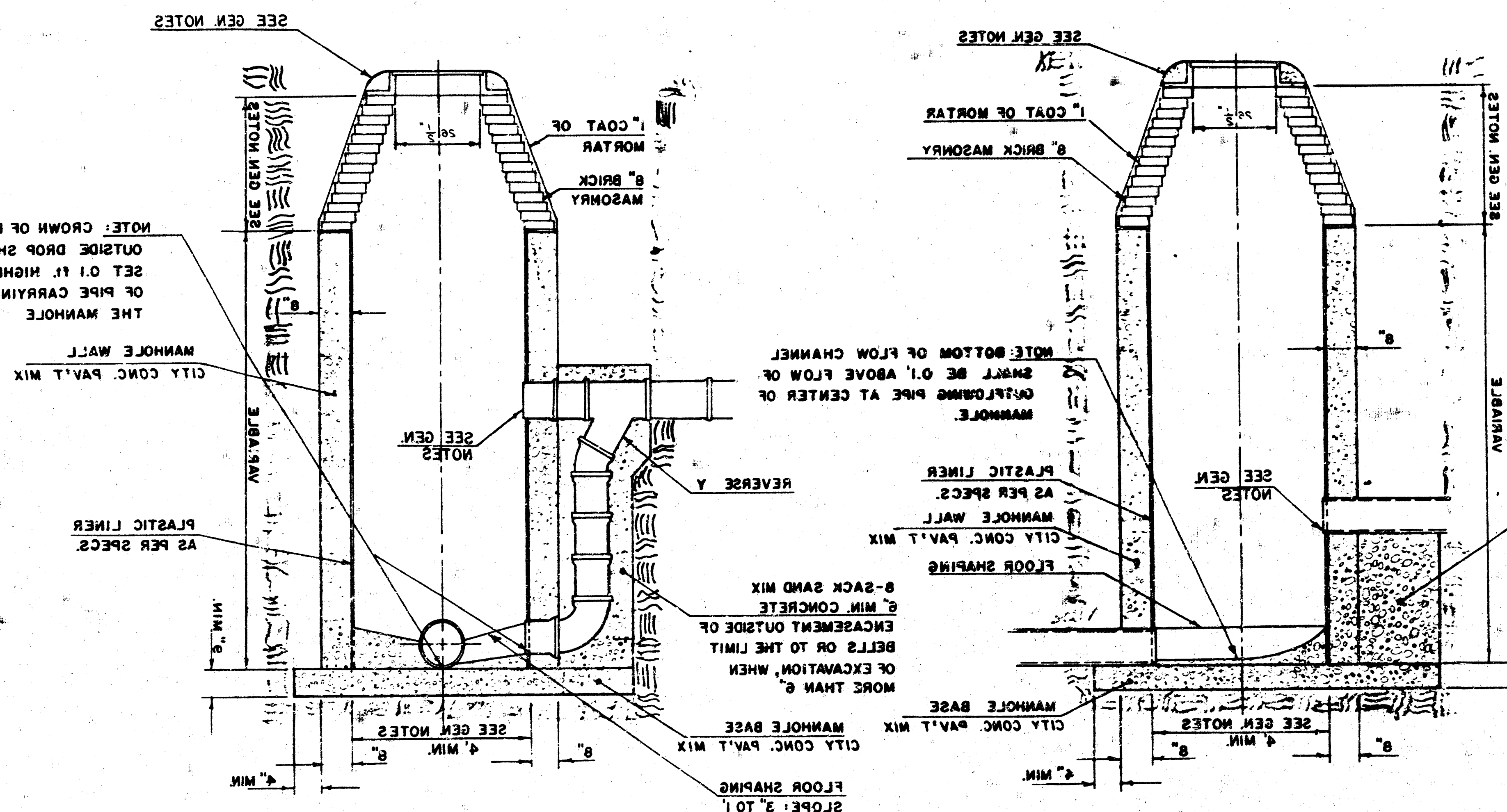
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CITY OF WICHITA, KANSAS

TYPE "D" MANHOLE



TYPE "D" INSIDE DROP MANHOLE



TYPE "D" OUTSIDE DROP MANHOLE

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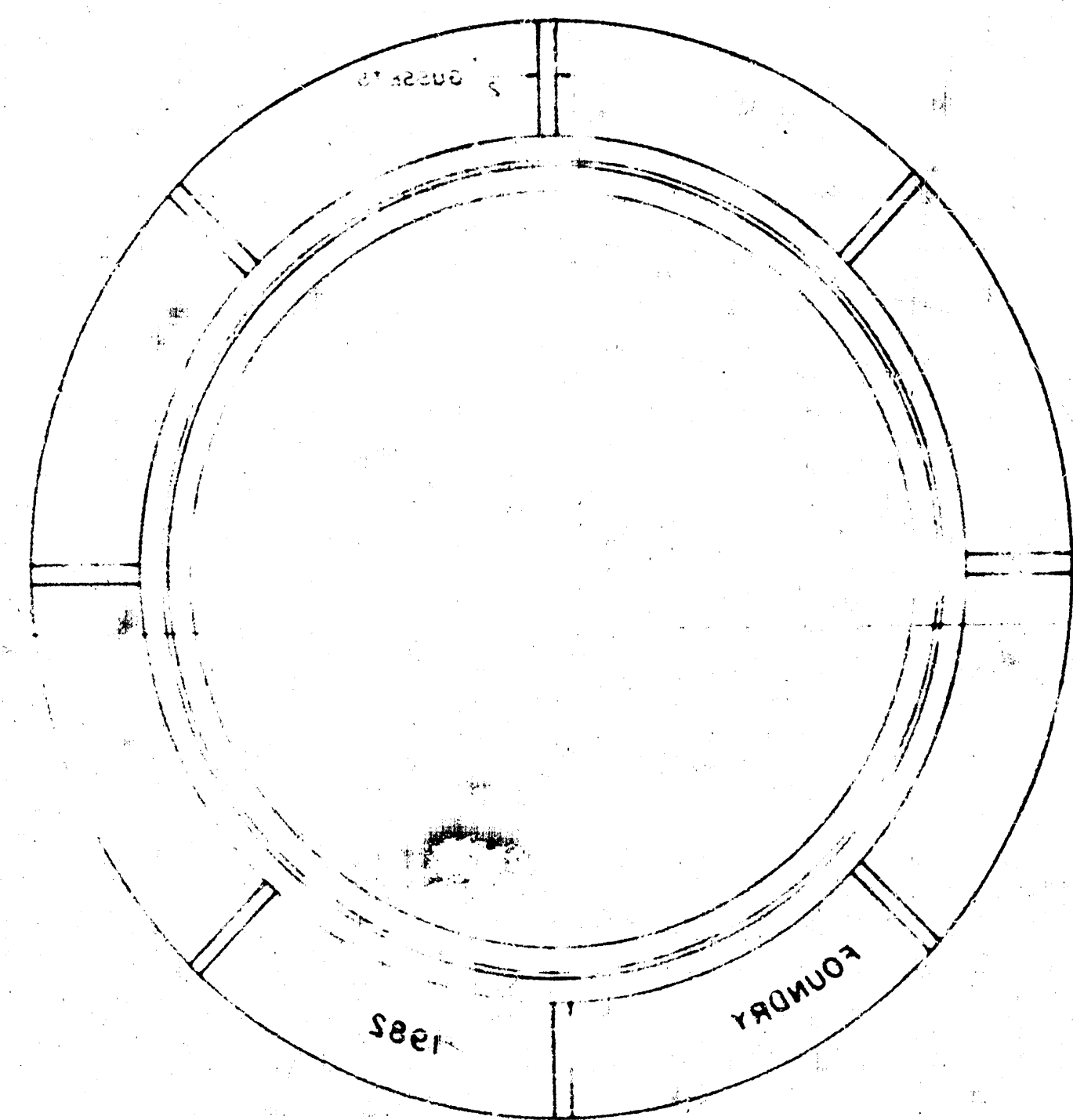
MANHOLE FRAME AND COVER DETAIL

ADOPTED AS STANDARD DESIGN

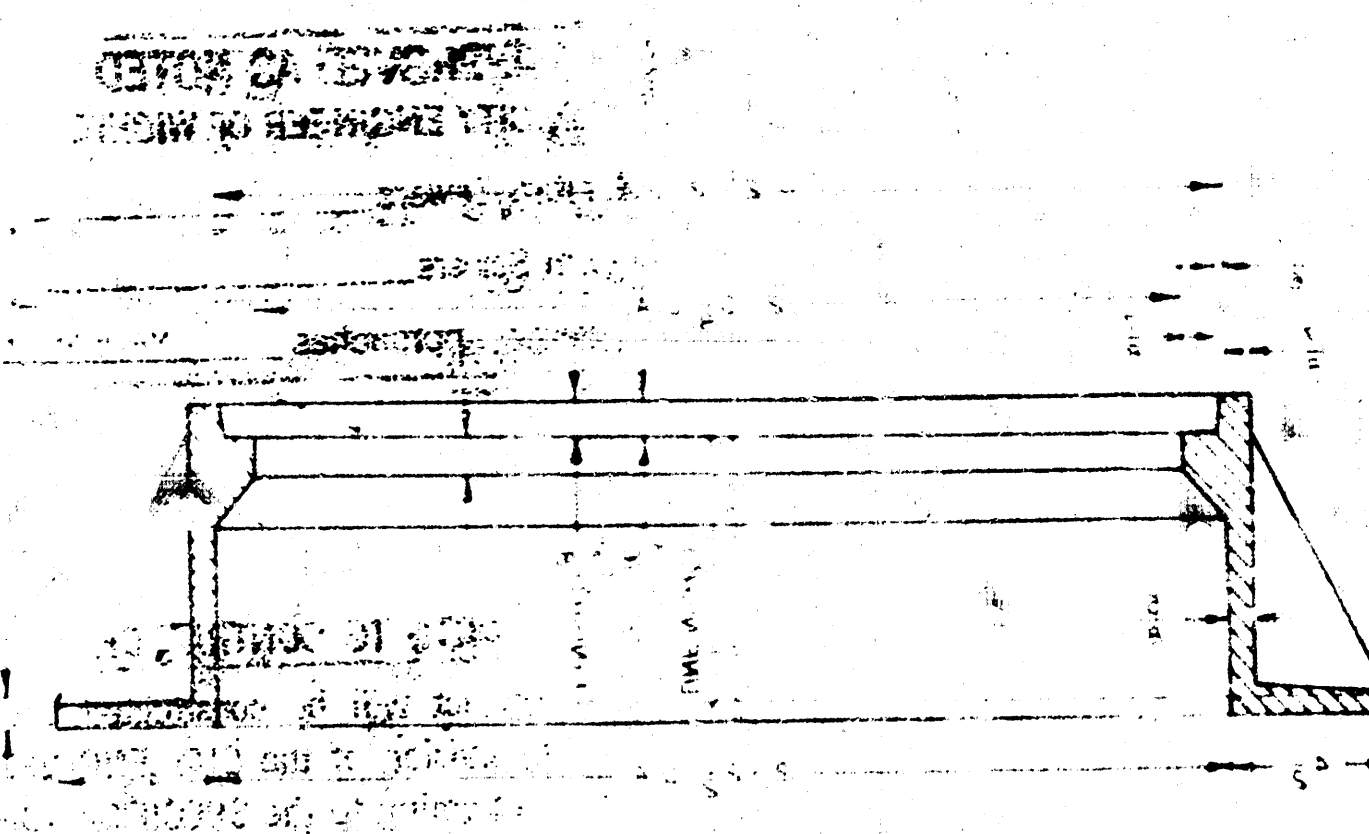
BY

City of Wichita, Kansas

MANHOLE FRAME
Weight: 540 Lbs

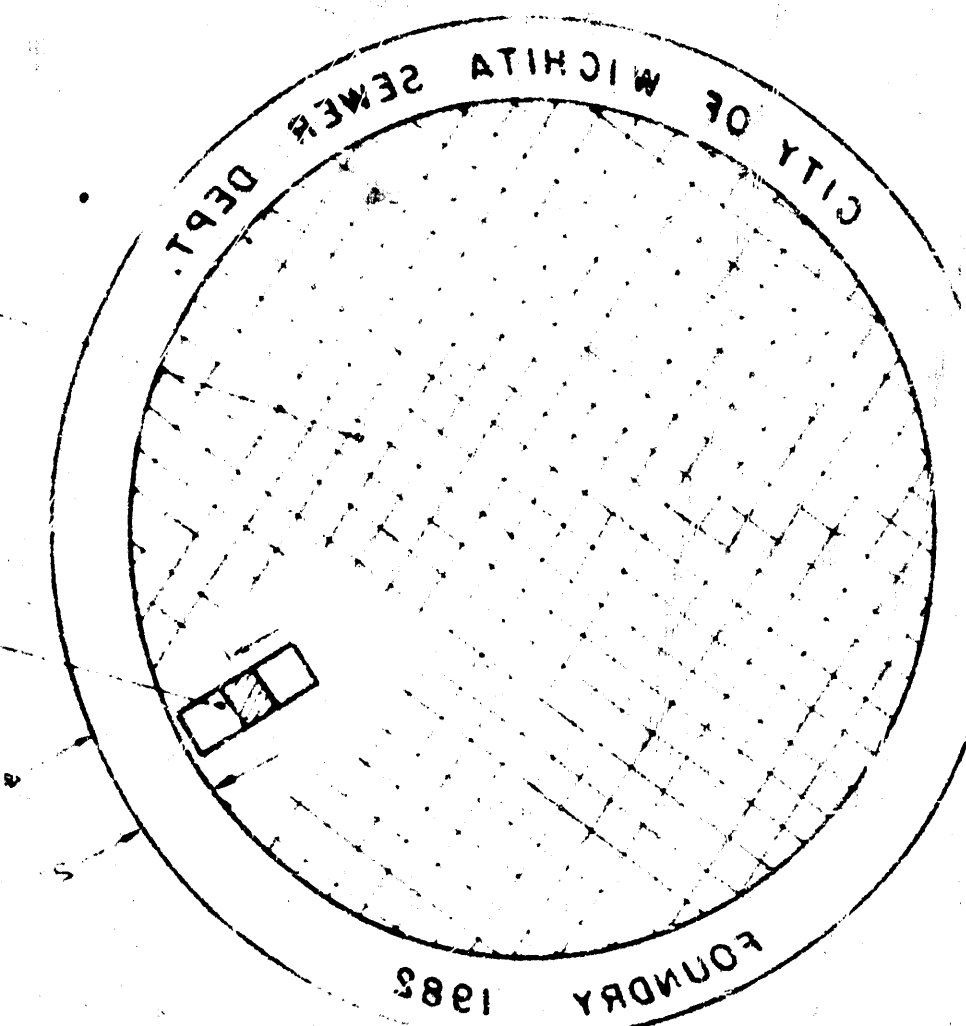


TOP VIEW

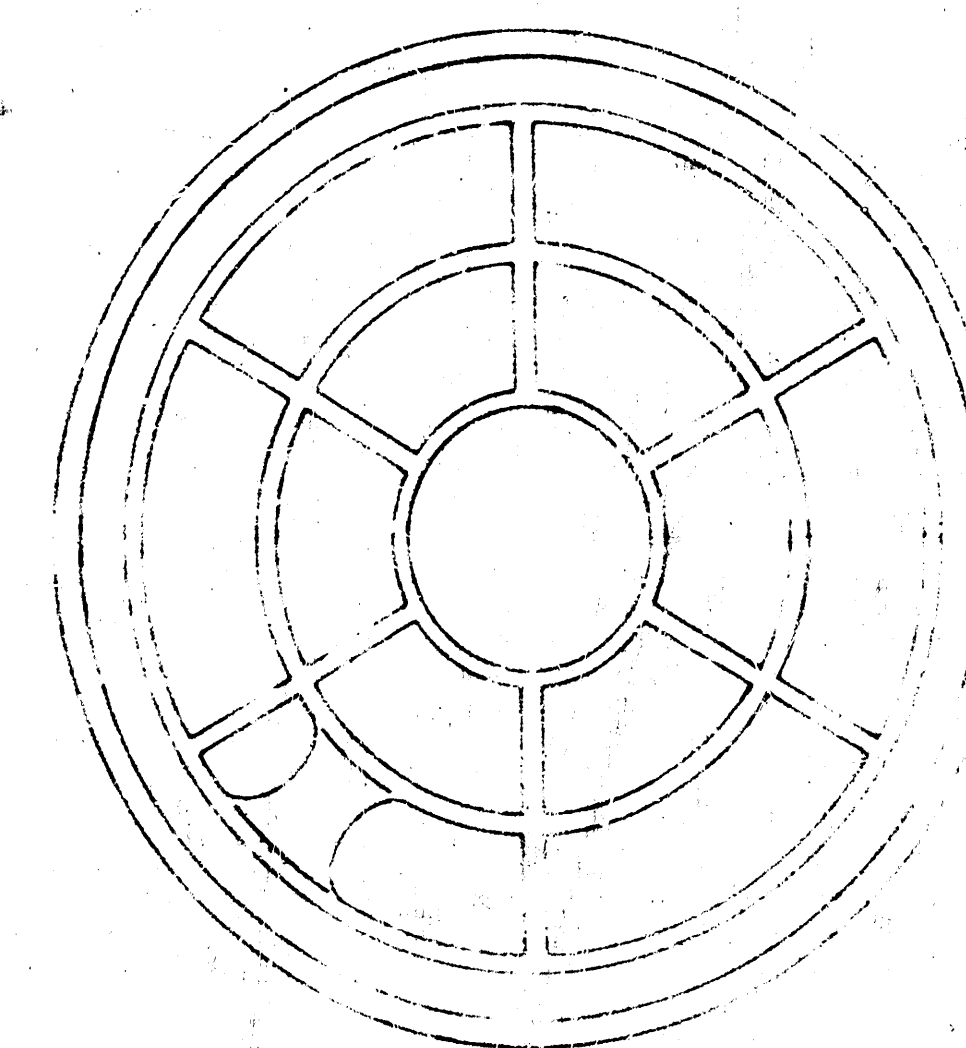


SECTION A-A

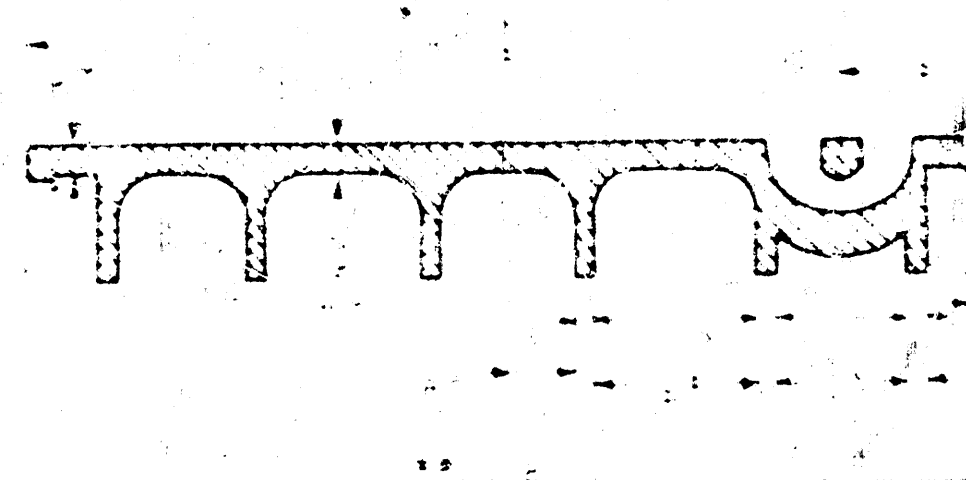
MANHOLE COVER
Weight: 180 Lbs



TOP VIEW

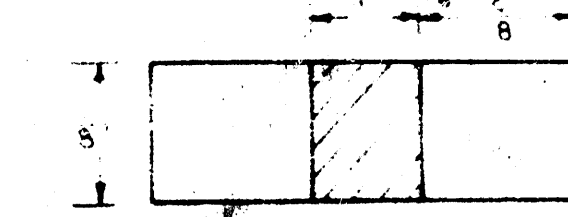


BOTTOM VIEW

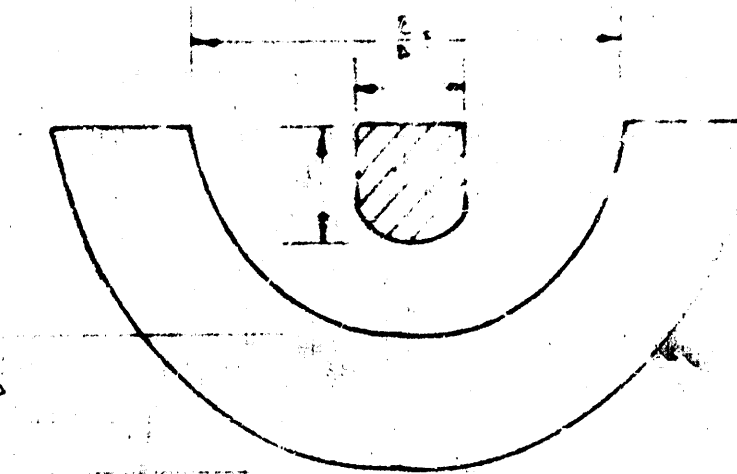


SECTION VIEW

PICKHOLE DETAIL



TOP VIEW



SECTION VIEW

GENERAL NOTES:
1. THE COVER SHALL BE CAST IN PLACE OF PORTLAND CEMENT CONCRETE, NOT LEAST 4" THICK, AND SHALL BE REINFORCED WITH 4" X 4" REINFORCING BARS, 12" ON CENTER, IN EACH DIRECTION. THE COVER SHALL BE CAST ON A 4" THICK BED OF SAND OR GRAVEL.
2. THE FRAME SHALL BE CAST IN PLACE OF PORTLAND CEMENT CONCRETE, NOT LEAST 4" THICK, AND SHALL BE REINFORCED WITH 4" X 4" REINFORCING BARS, 12" ON CENTER, IN EACH DIRECTION. THE FRAME SHALL BE CAST ON A 4" THICK BED OF SAND OR GRAVEL.
3. THE COVER SHALL BE CAST ON A 4" THICK BED OF SAND OR GRAVEL, AND THE FRAME SHALL BE CAST ON A 4" THICK BED OF SAND OR GRAVEL.
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