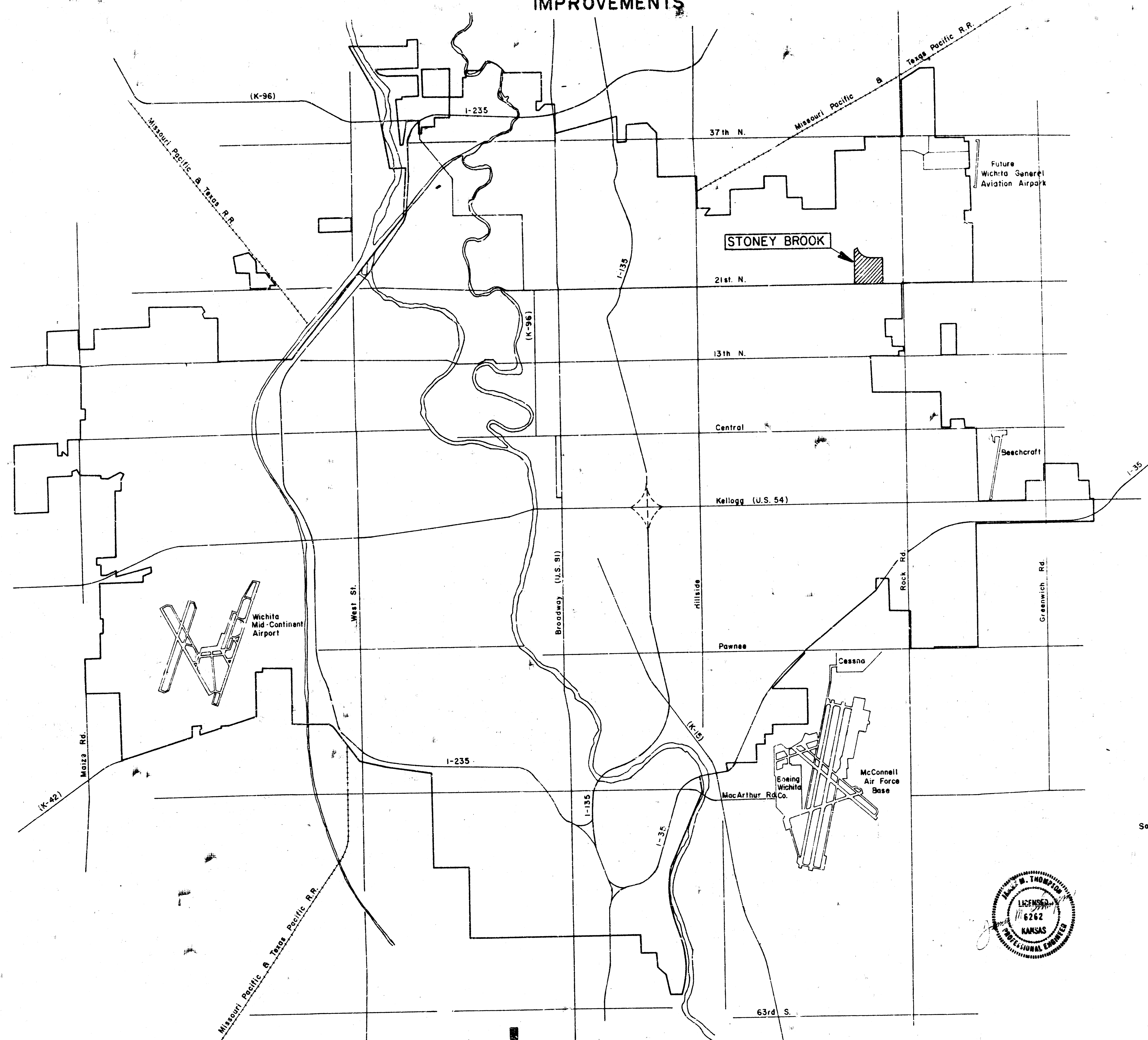


STONEY BROOK

IMPROVEMENTS



INDEX TO DRAWINGS

1. TITLE SHEET
2. SITE GRADING PLAN
3. SANITARY SEWER LAYOUT
4. PHASE I - SANITARY SEWER PROFILES
5. PHASE II - SANITARY SEWER PROFILES
6. WATER LINE LAYOUT
7. PAVING LAYOUT
8. SURFACING CONTROL ELEVATIONS
9. SITE DRAINAGE PLAN
10. STORM DRAIN PROFILES & MISC. DETAILS
11. SANITARY SEWER DETAILS
12. " " " "
13. STANDARD WATER LINE DETAILS
14. PAVING DETAILS
15. TYPE 22 CURB INLET

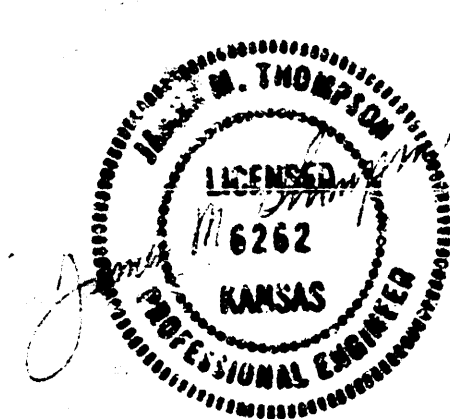
NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA

City of Wichita
Sanitary Sewer Project No. 468 76-245-80751-000-000-008

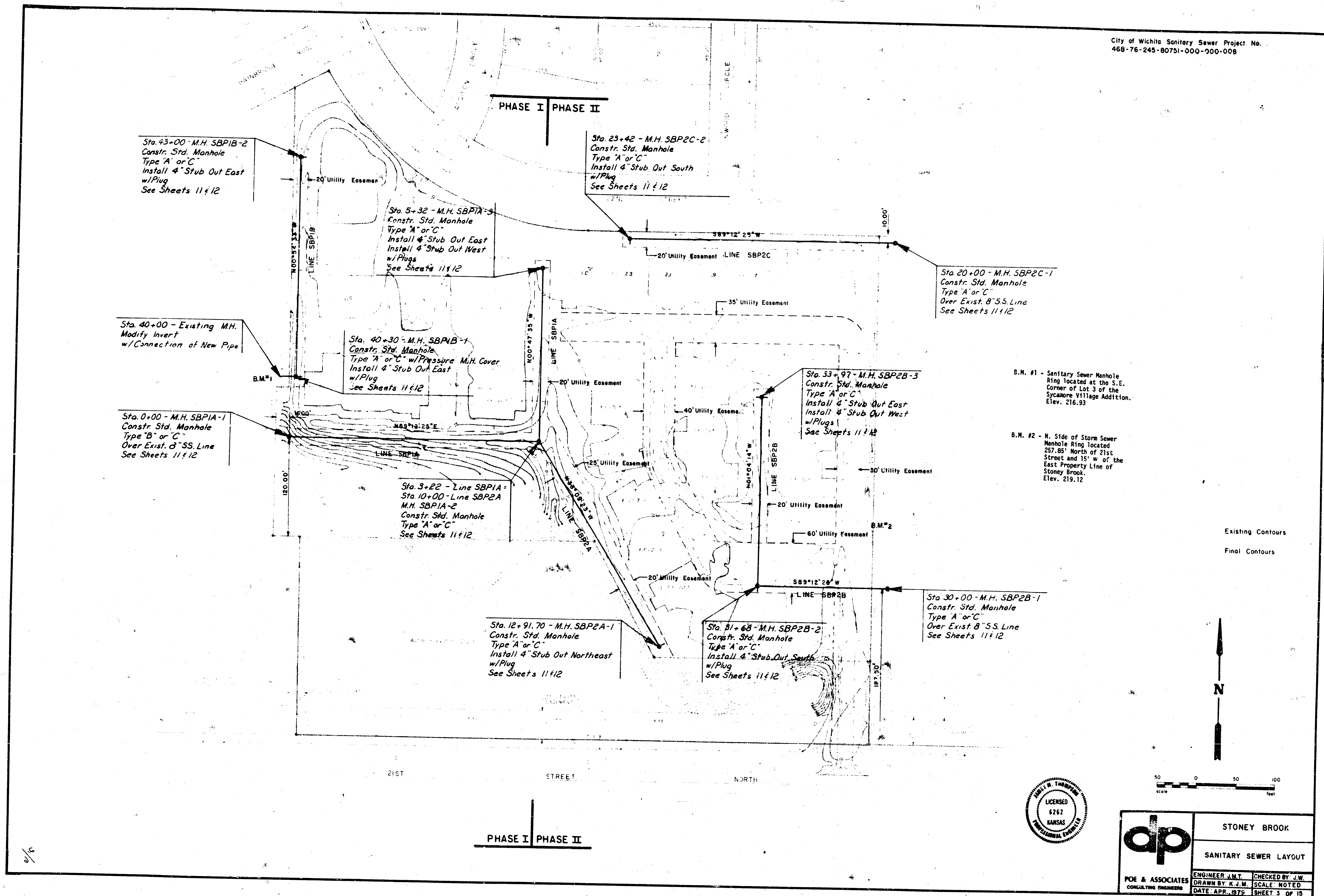
APPROVED AS NOTED	
By CITY ENGINEER OF WICHITA	
Sanitary Sewers	Sheet No. 5, 7, 8, 11, & 12
Storm Sewers	Sheet No. 9 & 10 & 13
Driveway Approaches	Sheet No. 7, 8, & 14

APPROVED	
WICHITA WATER DEPARTMENT	
CITY OF WICHITA	
DATE	BY
Sheet No. 6 & 13	



dp POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS

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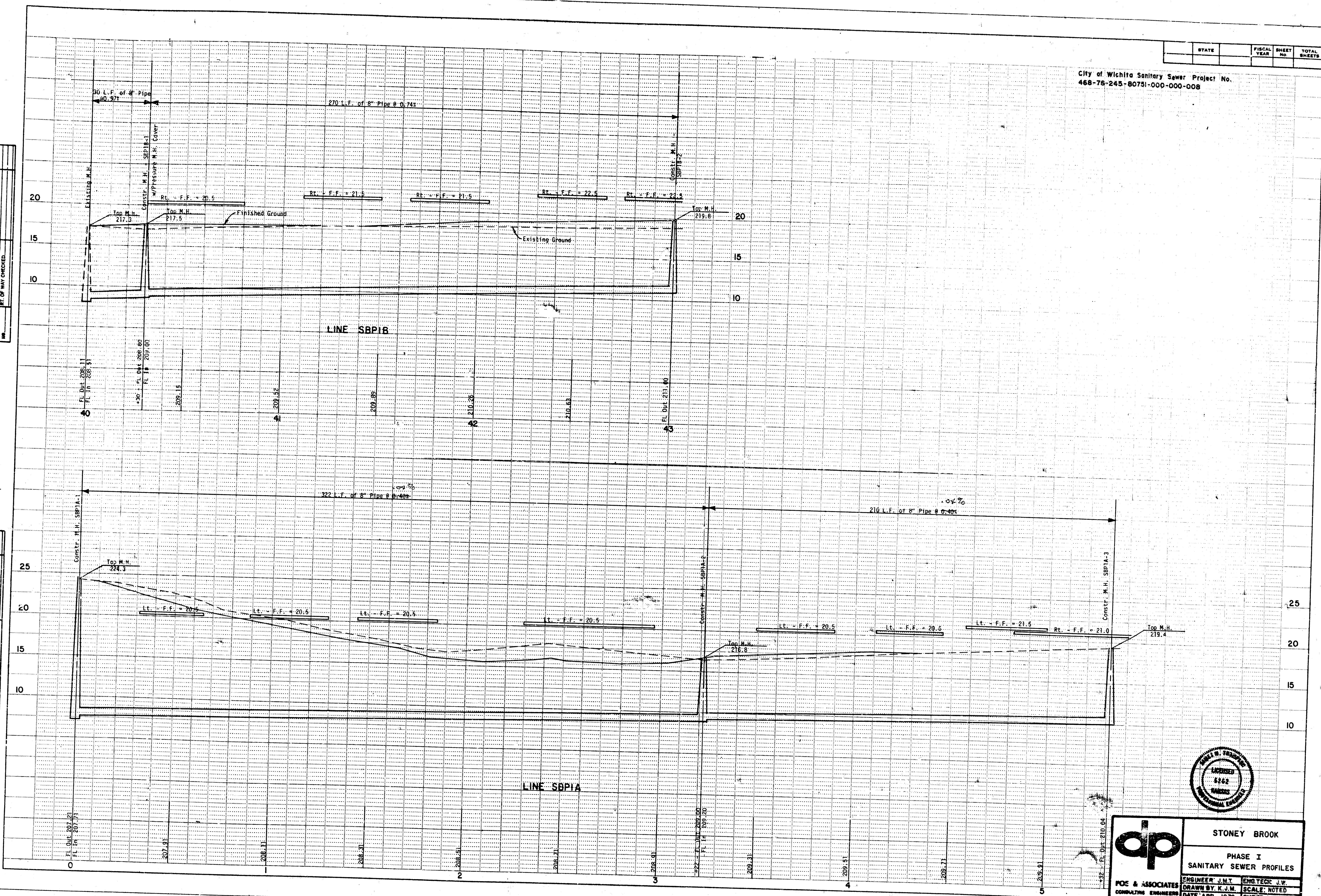
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STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

City of Wichita Sanitary Sewer Project No.
468-76-245-80751-000-000-008

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
DATE	

PROFILE	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
DATE	



dp

STONE BROOK

PHASE I

SANITARY SEWER PROFILES

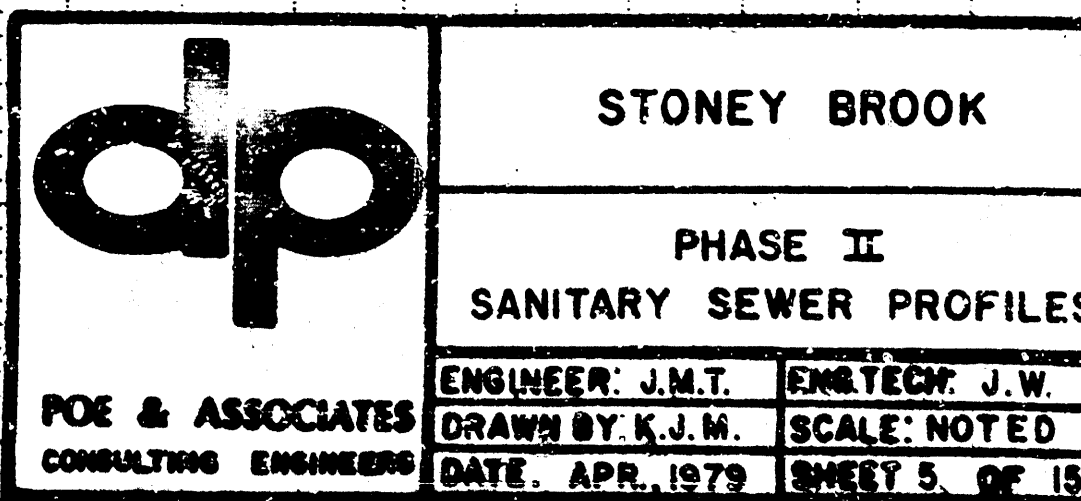
POE & ASSOCIATES
CONSULTING ENGINEERS

ENGINEER J.W.T.
DRAWN BY K.J.M.
DATE APR. 1979

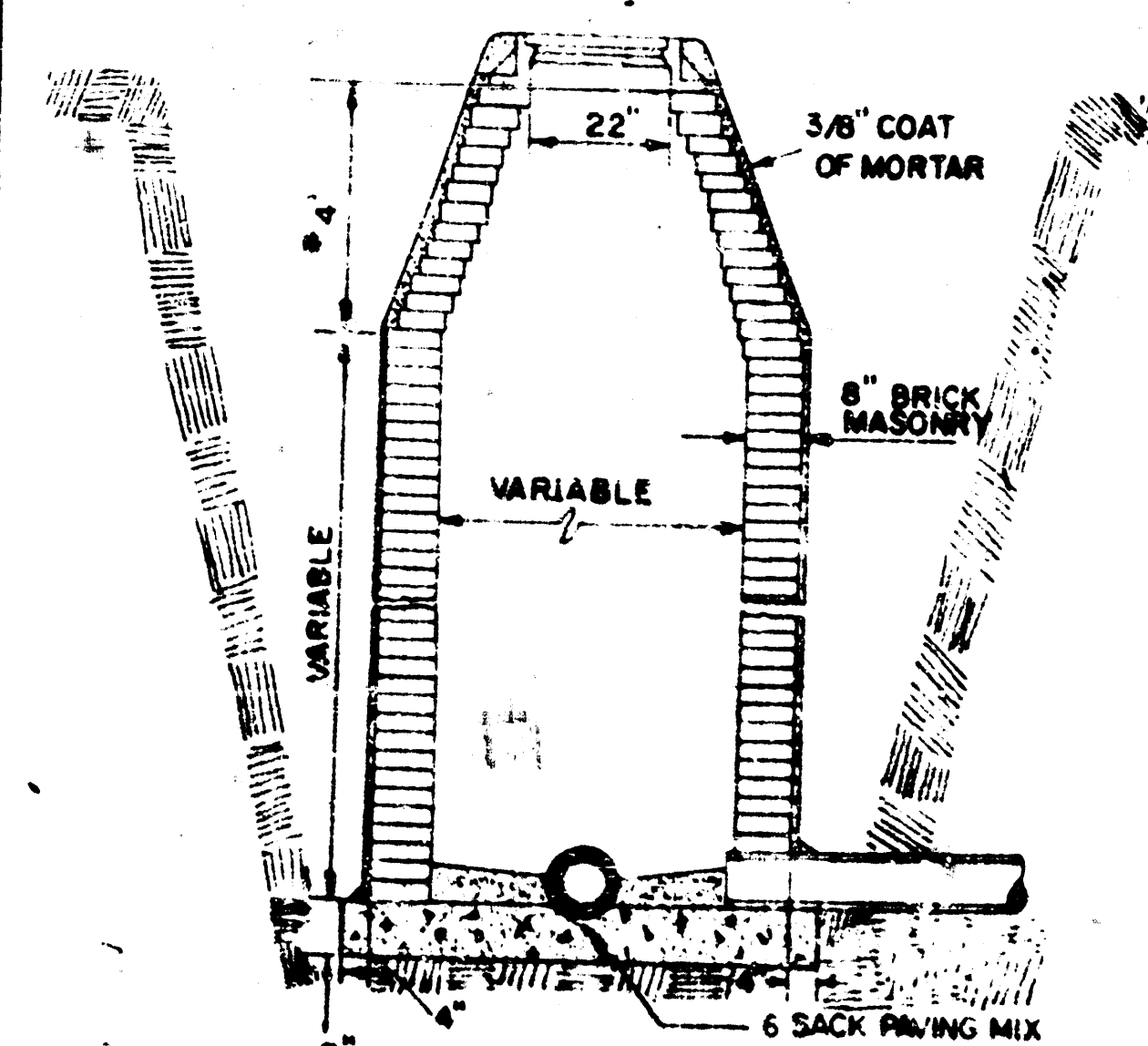
EMTECH J.W.
SCALE NOTED
SHEET 4 OF 15

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FILMED FROM THE BEST

City of Wichita Sanitary Sewer Project No.
468-76-245-80751-000-000-008

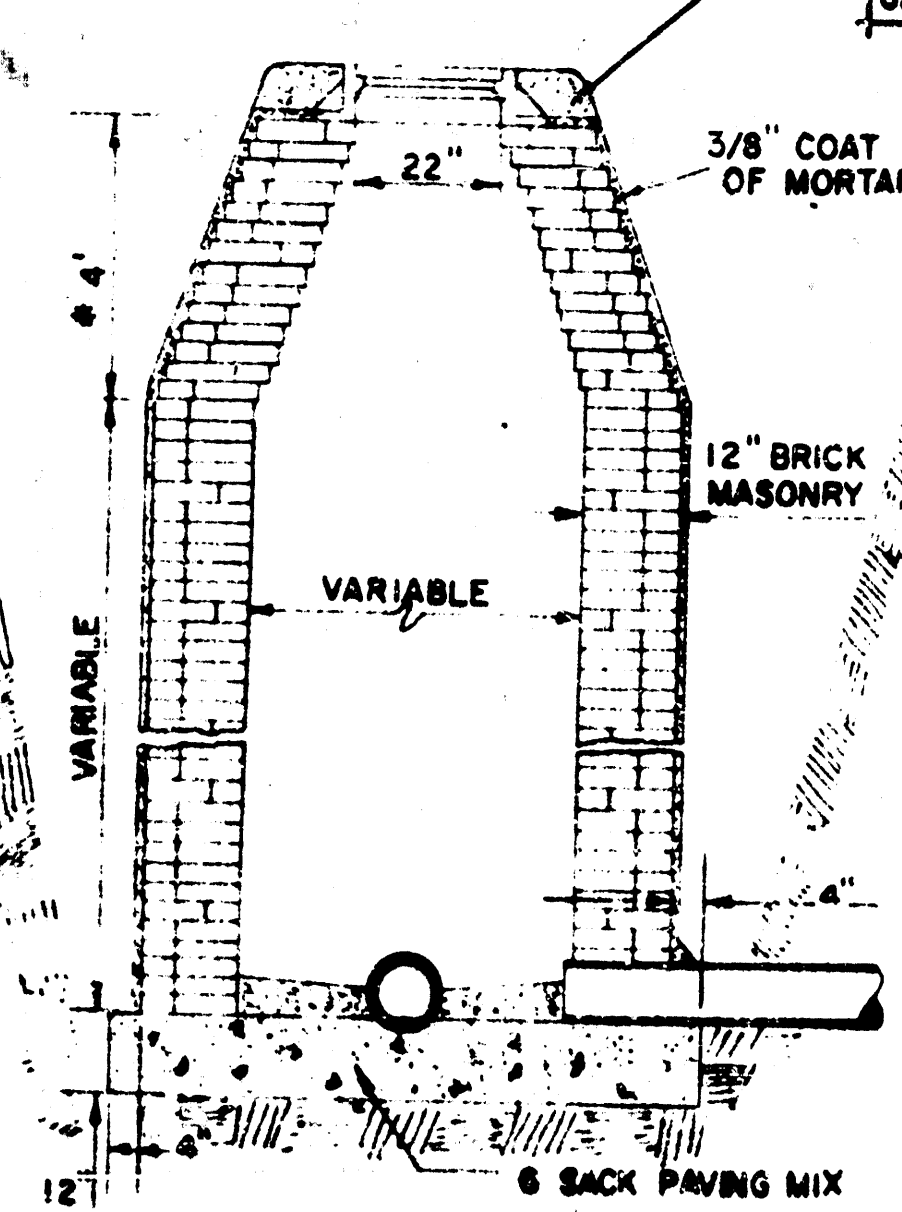


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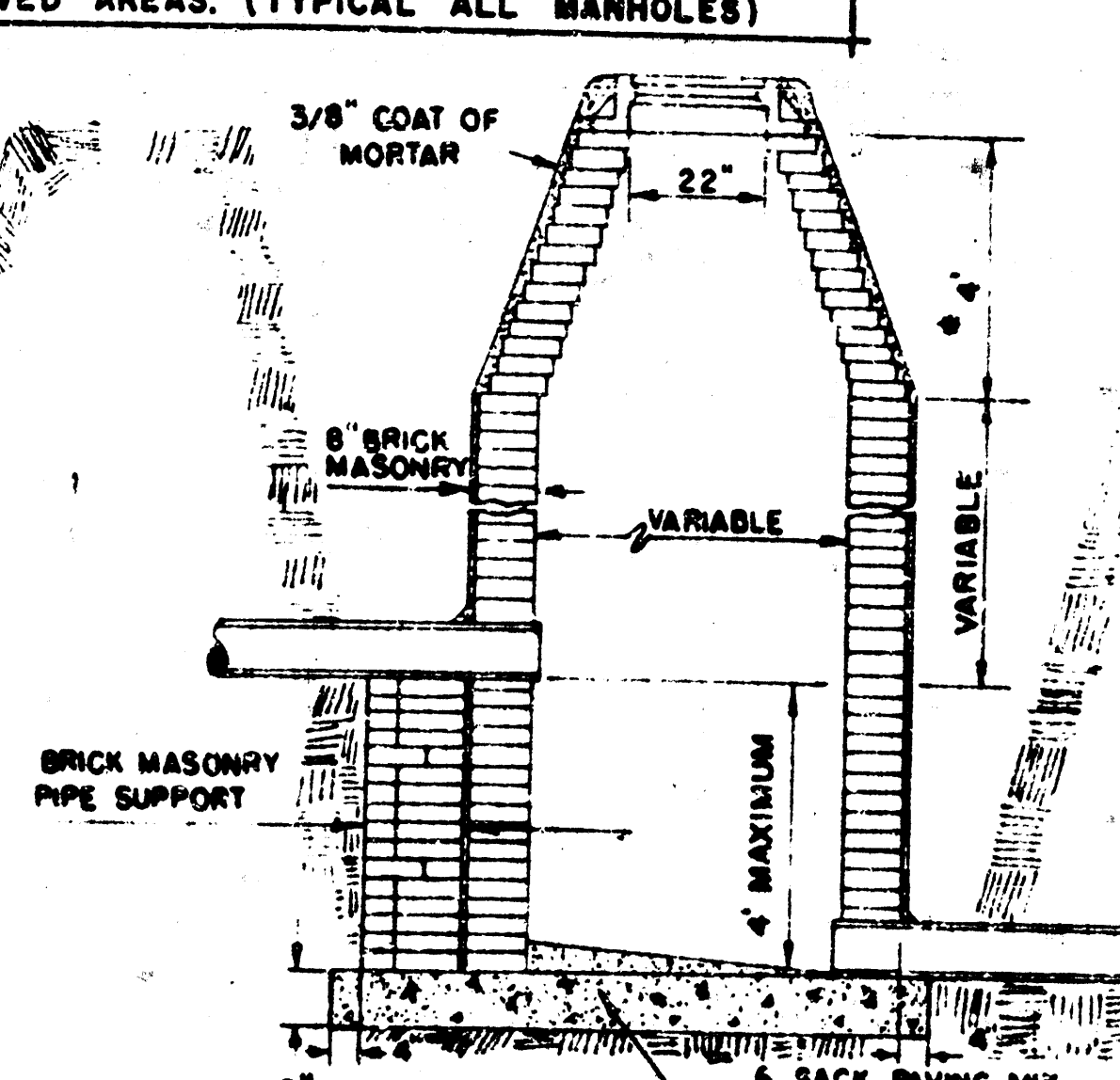
STANDARD MANHOLE
TYPE "A"

* DRAW = 6' ON 5' DIA. M.H.

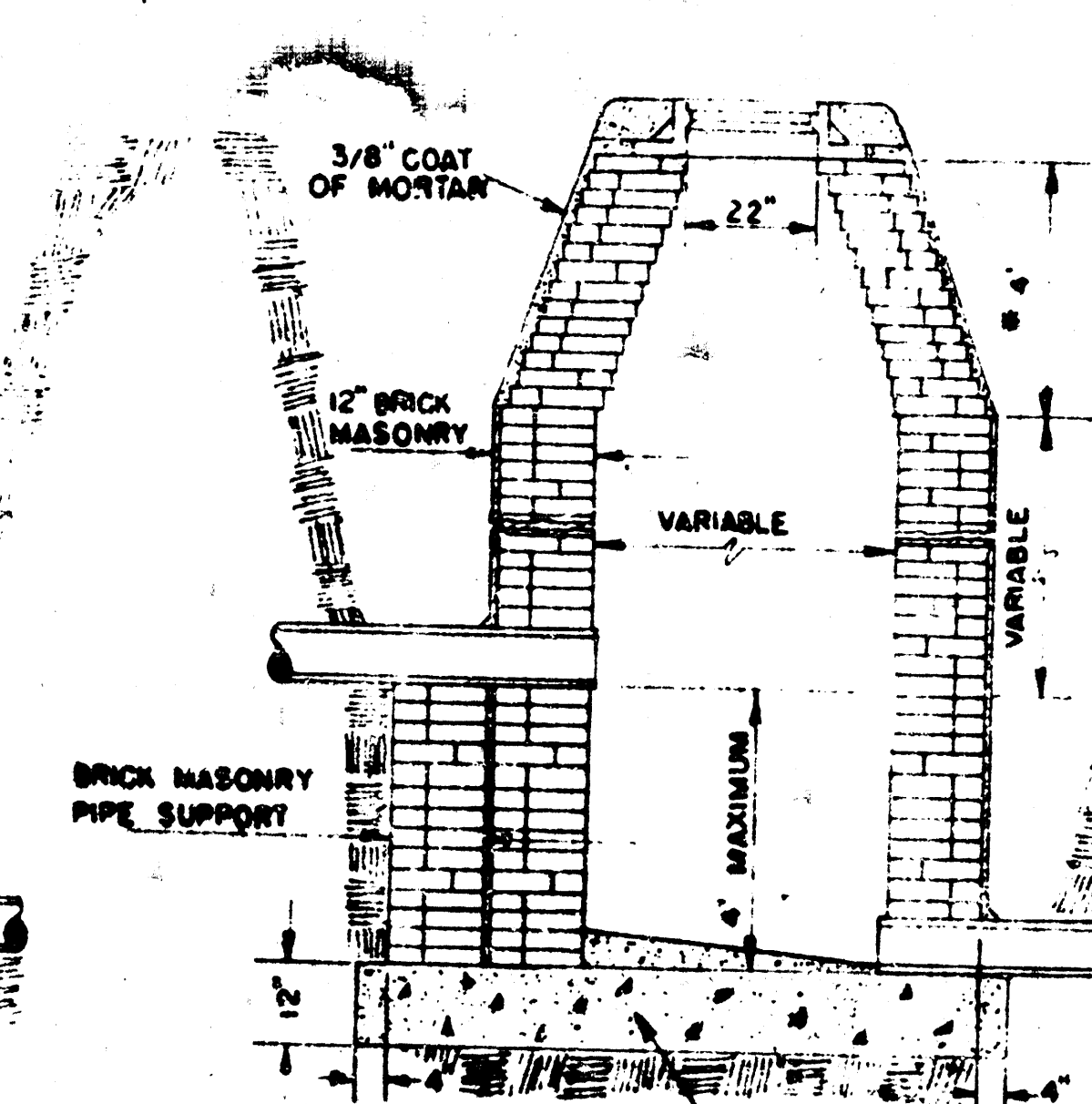


STANDARD MANHOLE
TYPE "B"

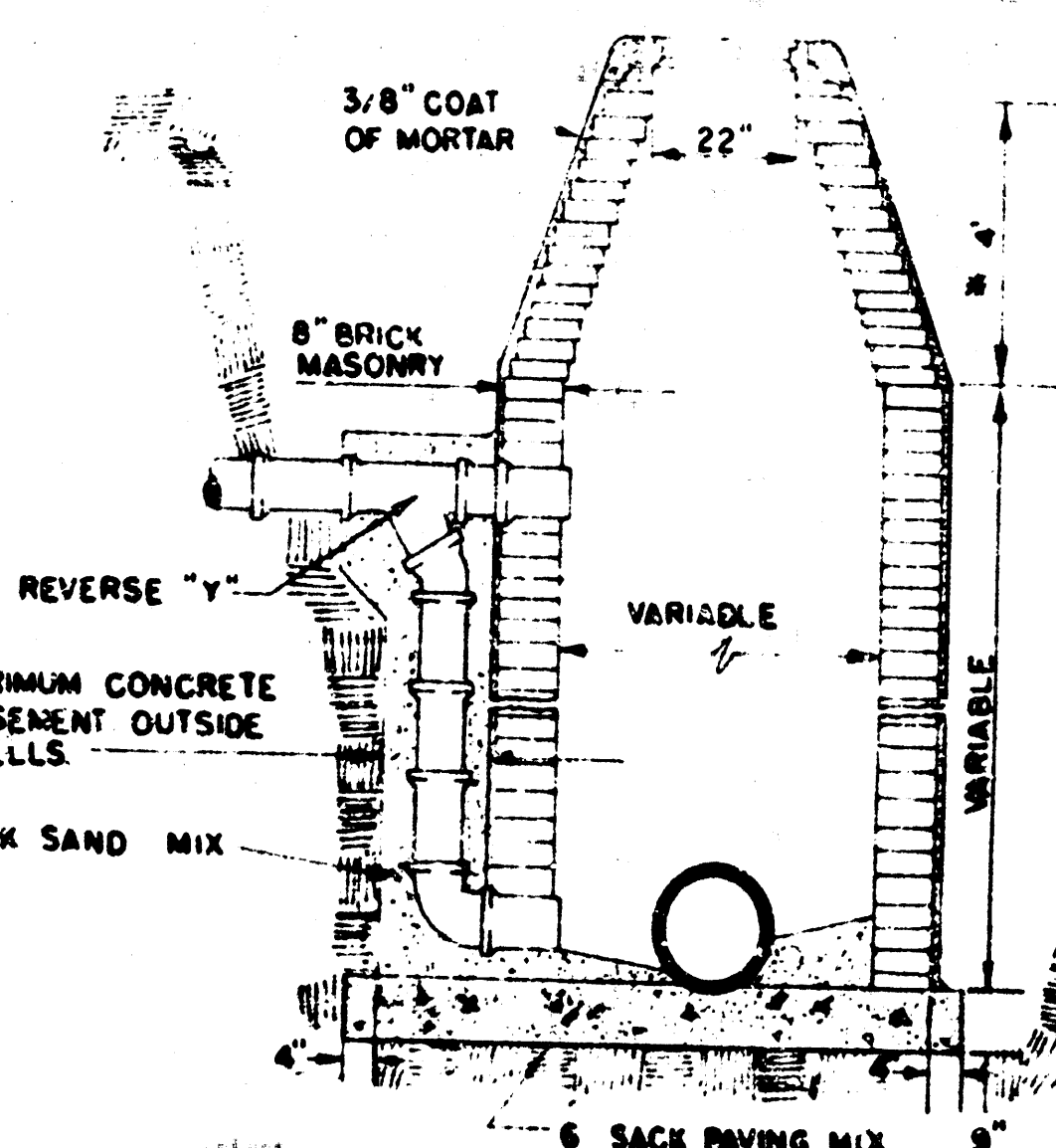
GROUT TO BE PLACED AROUND MANHOLE RING
ONLY WHEN MANHOLE IS CONSTRUCTED IN
UNPAVED AREAS. (TYPICAL ALL MANHOLES)



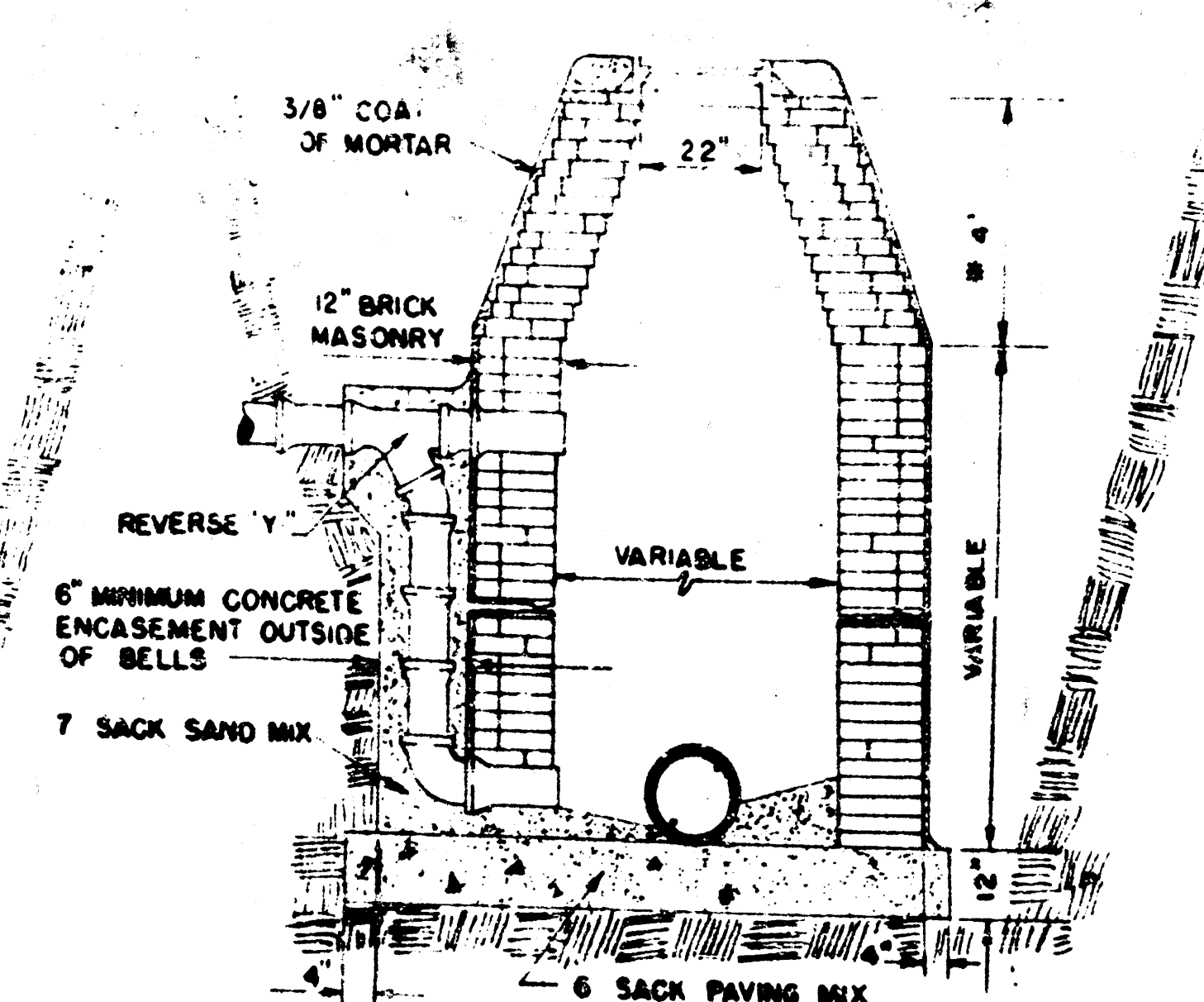
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

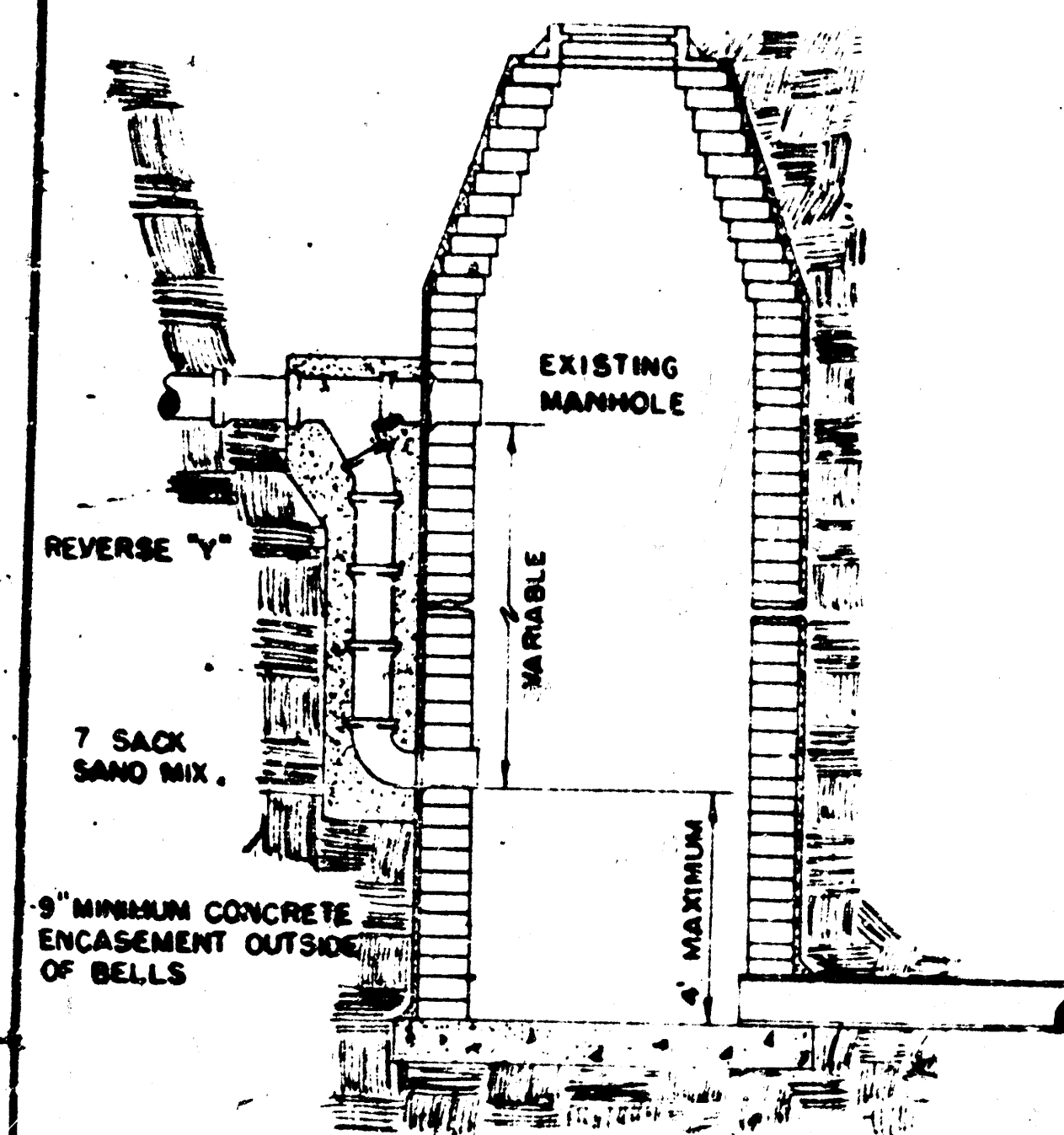


OUTSIDE DROP MANHOLE
TYPE "A"



OUTSIDE DROP MANHOLE
TYPE "B"

NOTE: REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES 3" ABOVE
THE BOTTOM. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED
ON 6" CENTERS IN BOTH DIRECTIONS. THE COST OF REINFORCING STEEL
IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

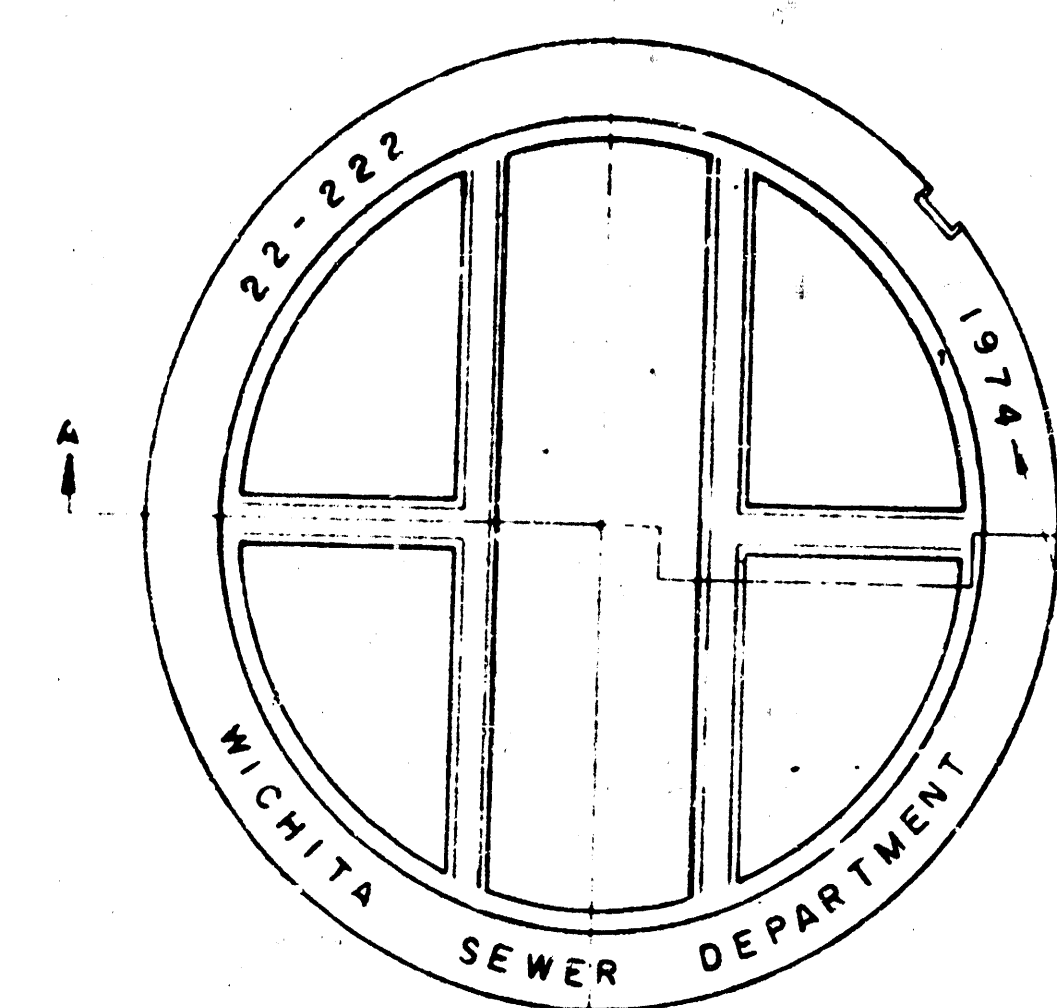


DETAIL OF DROP STACK

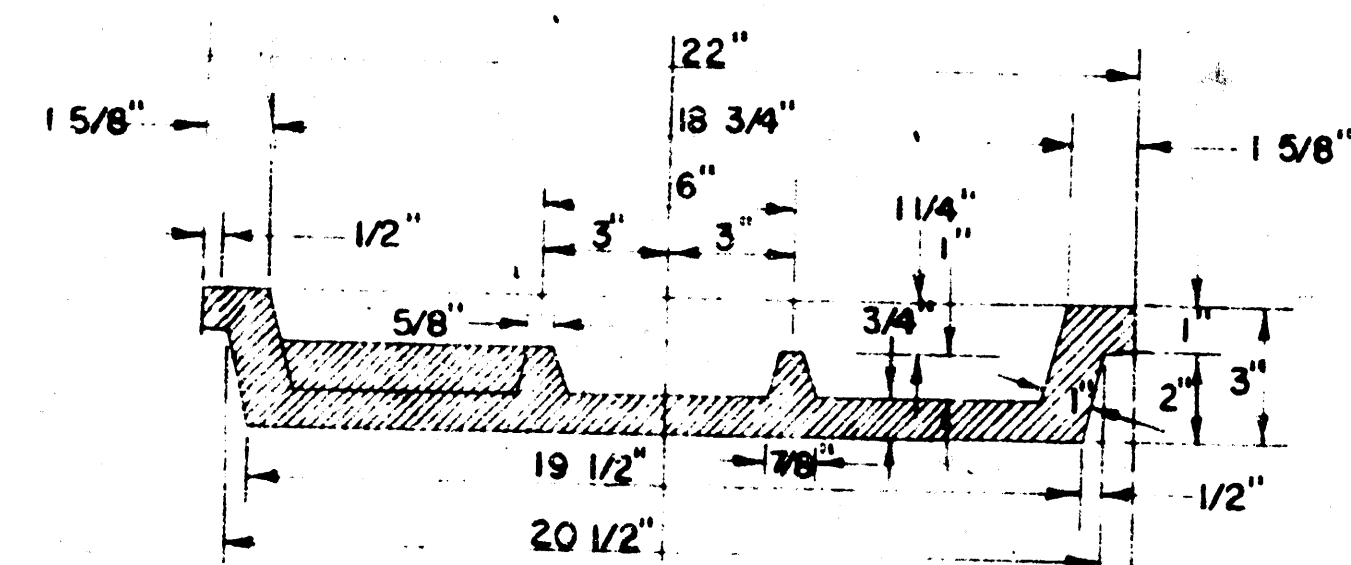
FOR EXISTING MANHOLES IN GROUND WATER

GENERAL NOTES

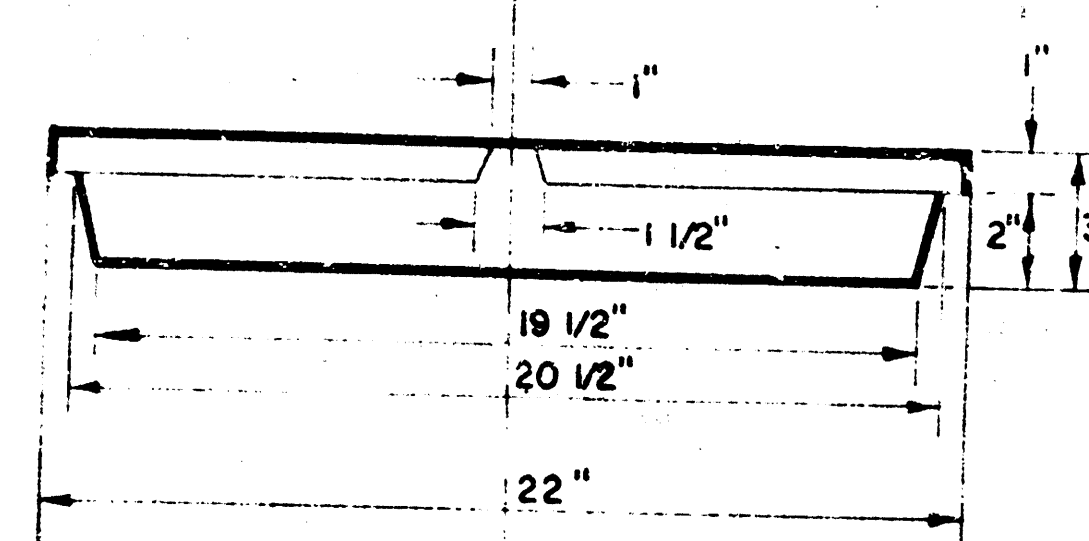
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.
- STANDARD MANHOLES TYPE "A" OR TYPE "B" AND STANDARD DROP MANHOLES TYPE "A" OR TYPE "B" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED.
- OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5' DIAMETER.
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE.
- PIPES INSTALLED WITHIN THE MANHOLE EXCAVATION SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. COST OF CRADLE WITHIN MANHOLE EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.



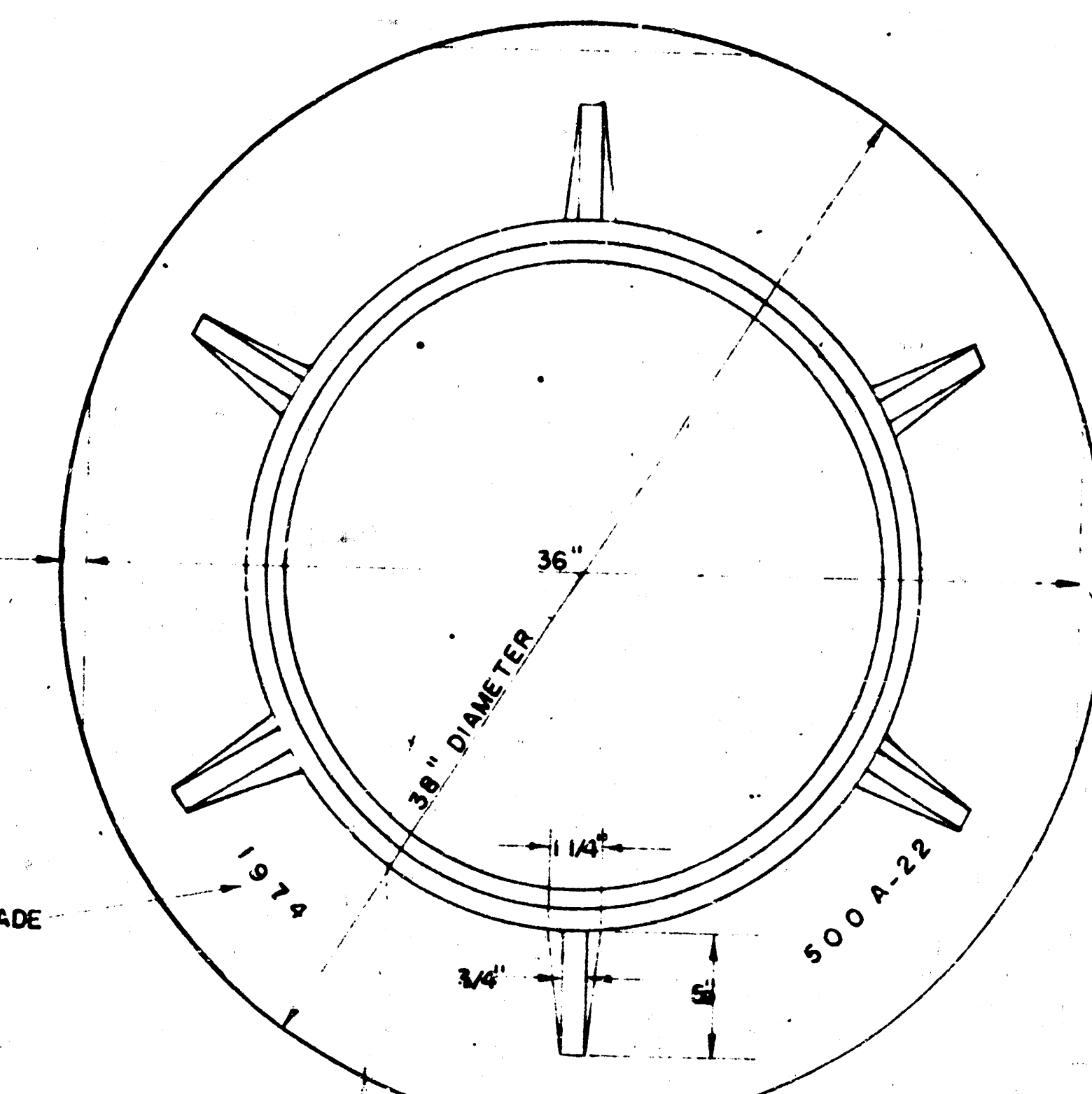
TOP VIEW
MANHOLE COVER
WEIGHT 110 LBS.



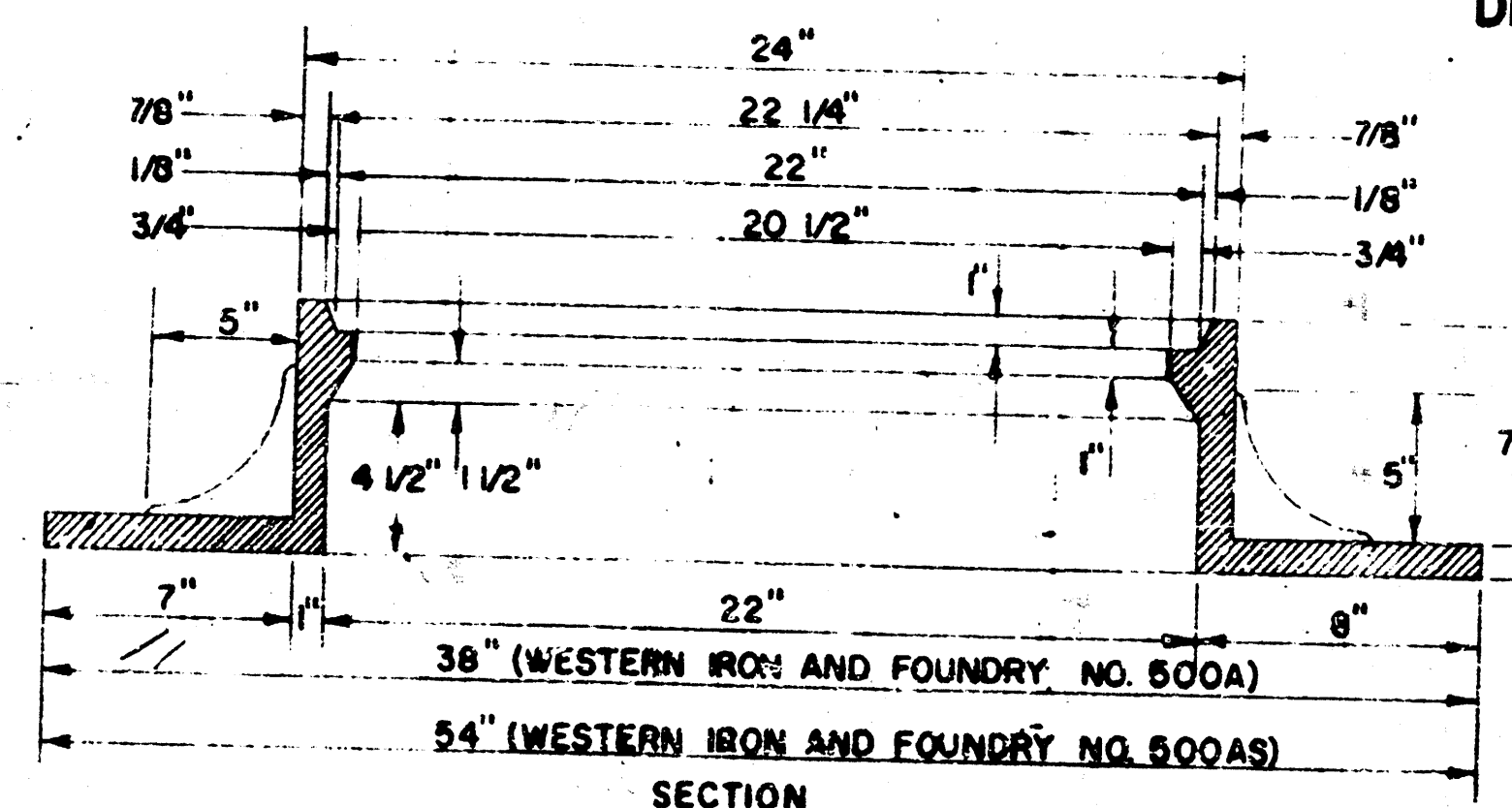
SECTION A-A
MANHOLE COVER



SIDE VIEW
MANHOLE COVER

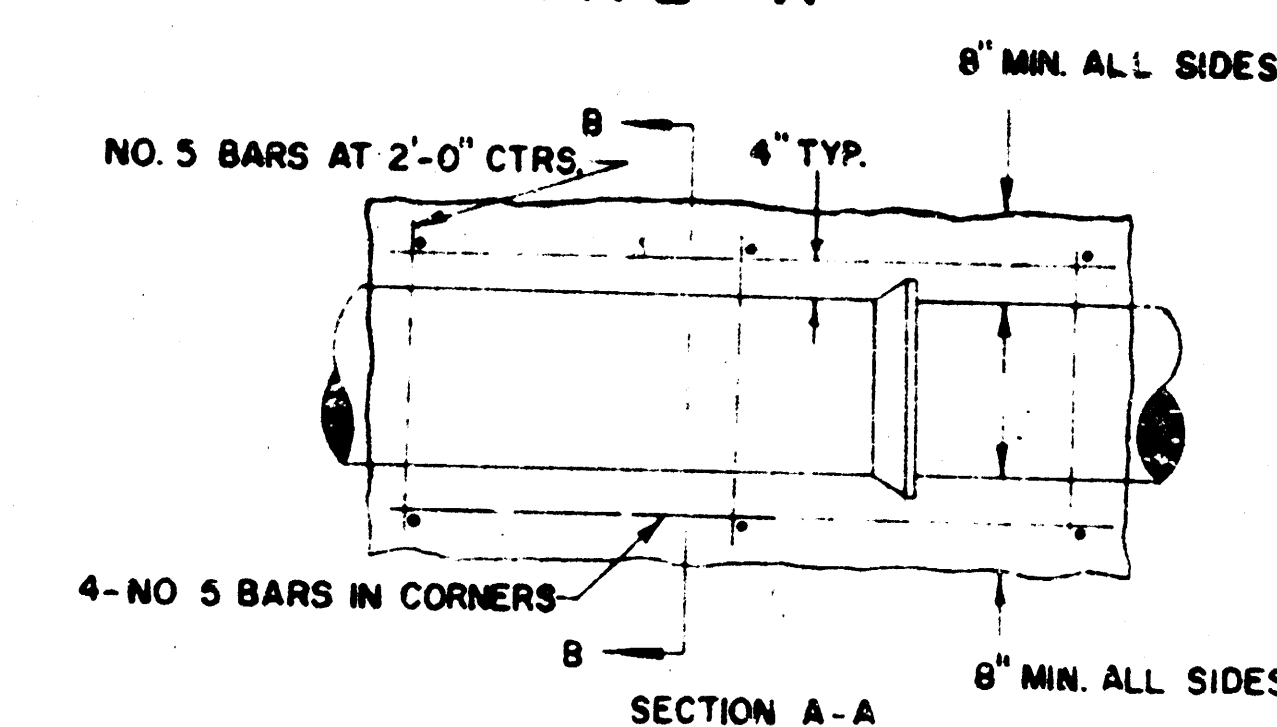


TOP VIEW
MANHOLE RING
WEIGHT 325 LBS. RING NO. 500A
WEIGHT 800 LBS. RING NO. 500AS

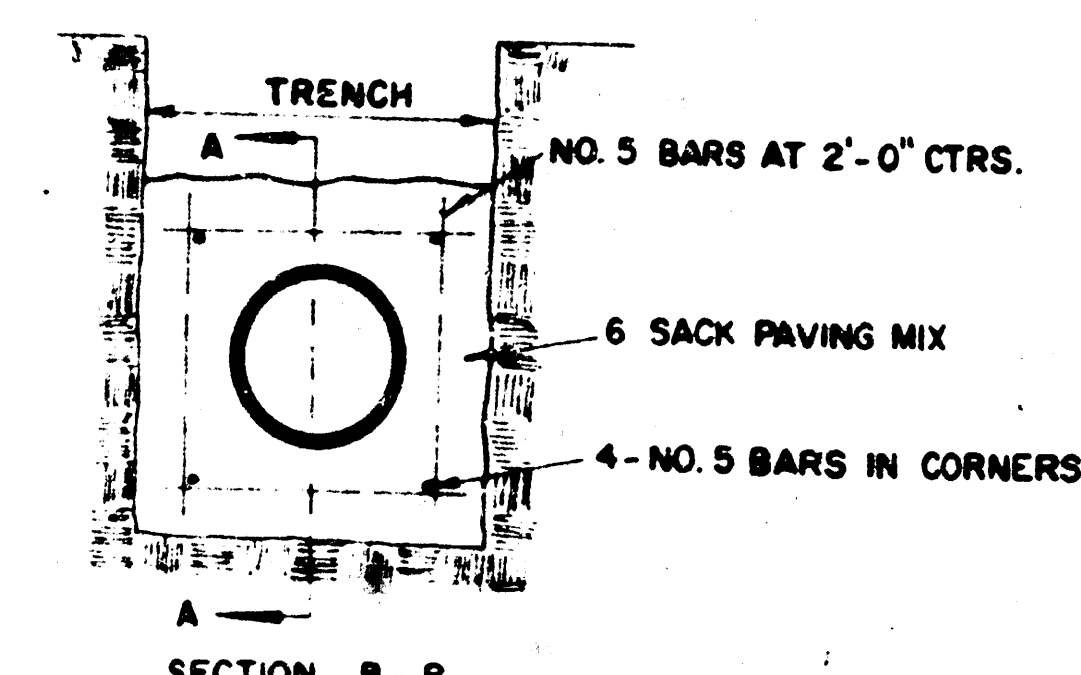


SECTION
MANHOLE RING

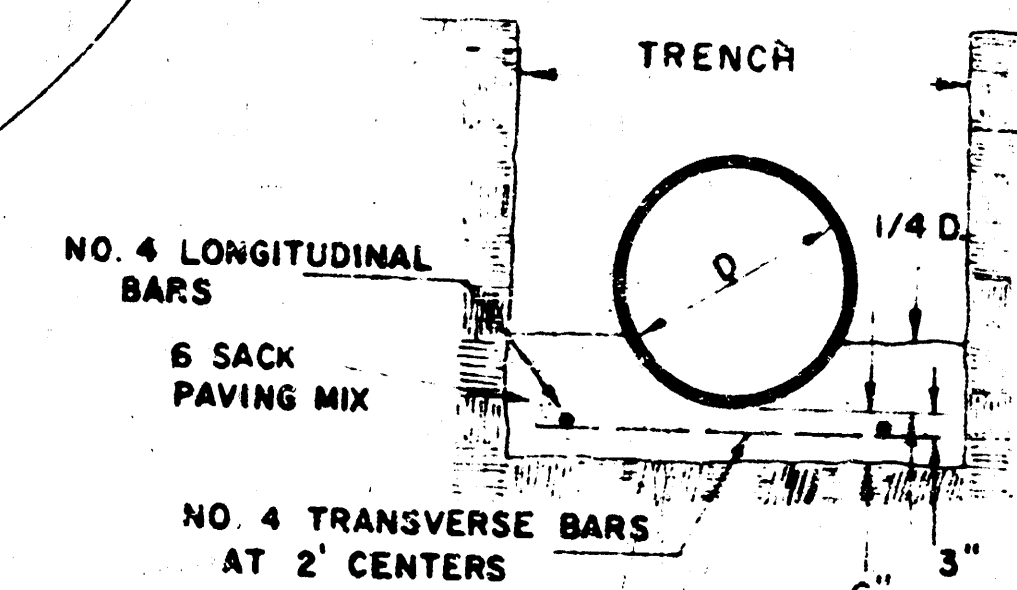
OUTSIDE CIRCUMFERENCE OF COVER
AND THE INNER FACE AND SEAT OF
RING TO BE MACHINE FIT.



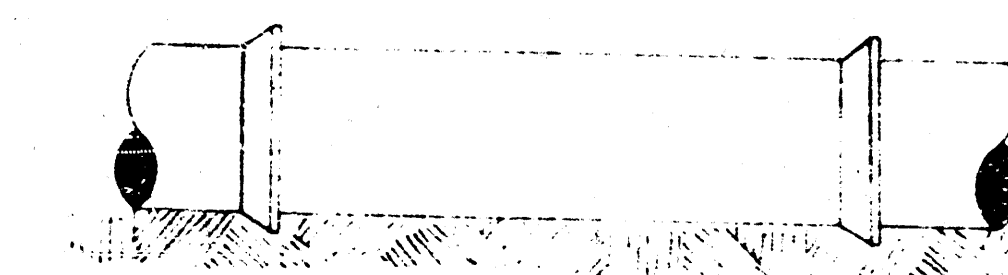
SECTION A-A
REINFORCED CONCRETE ENCASEMENT



SECTION B-B



DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
STORM SEWER PIPE

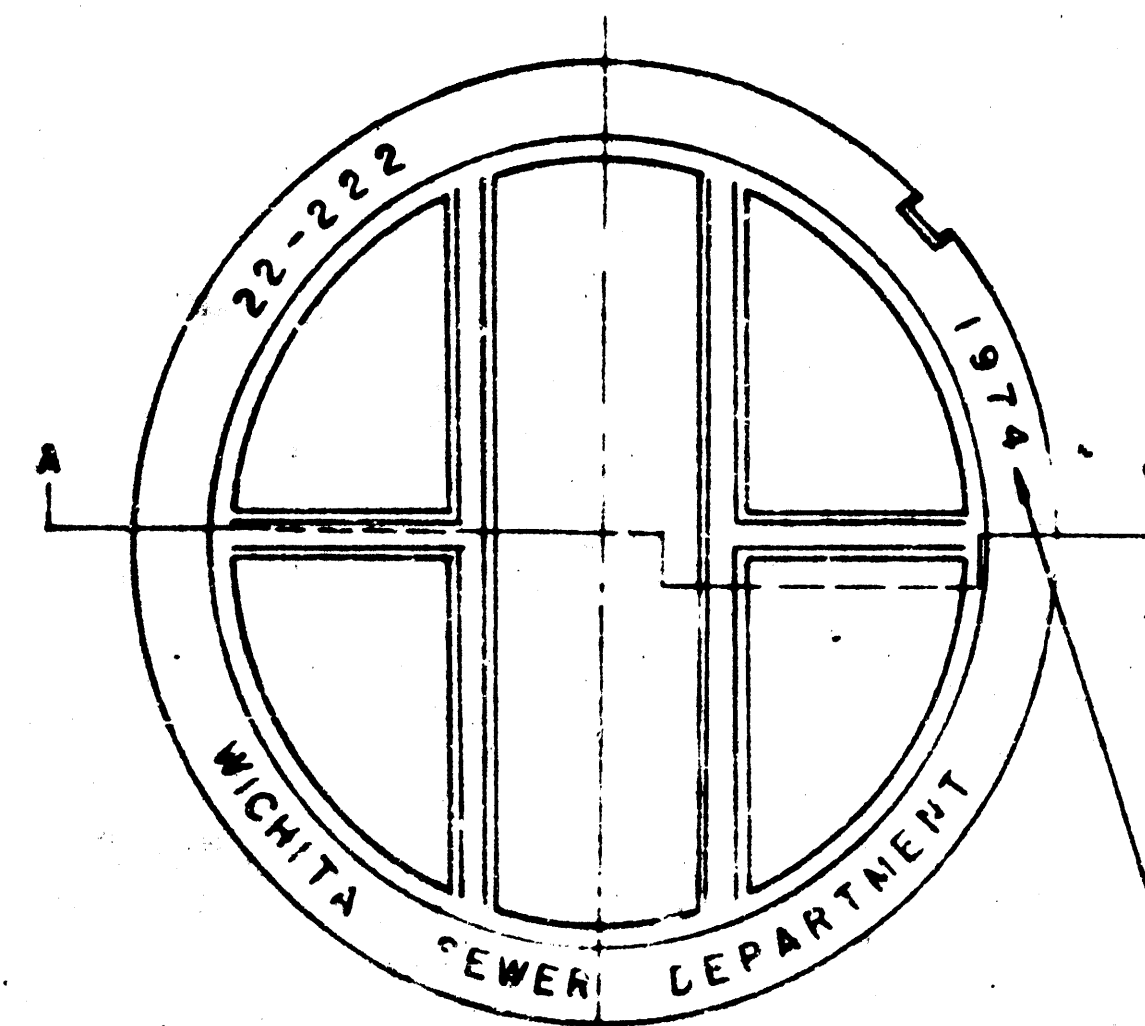
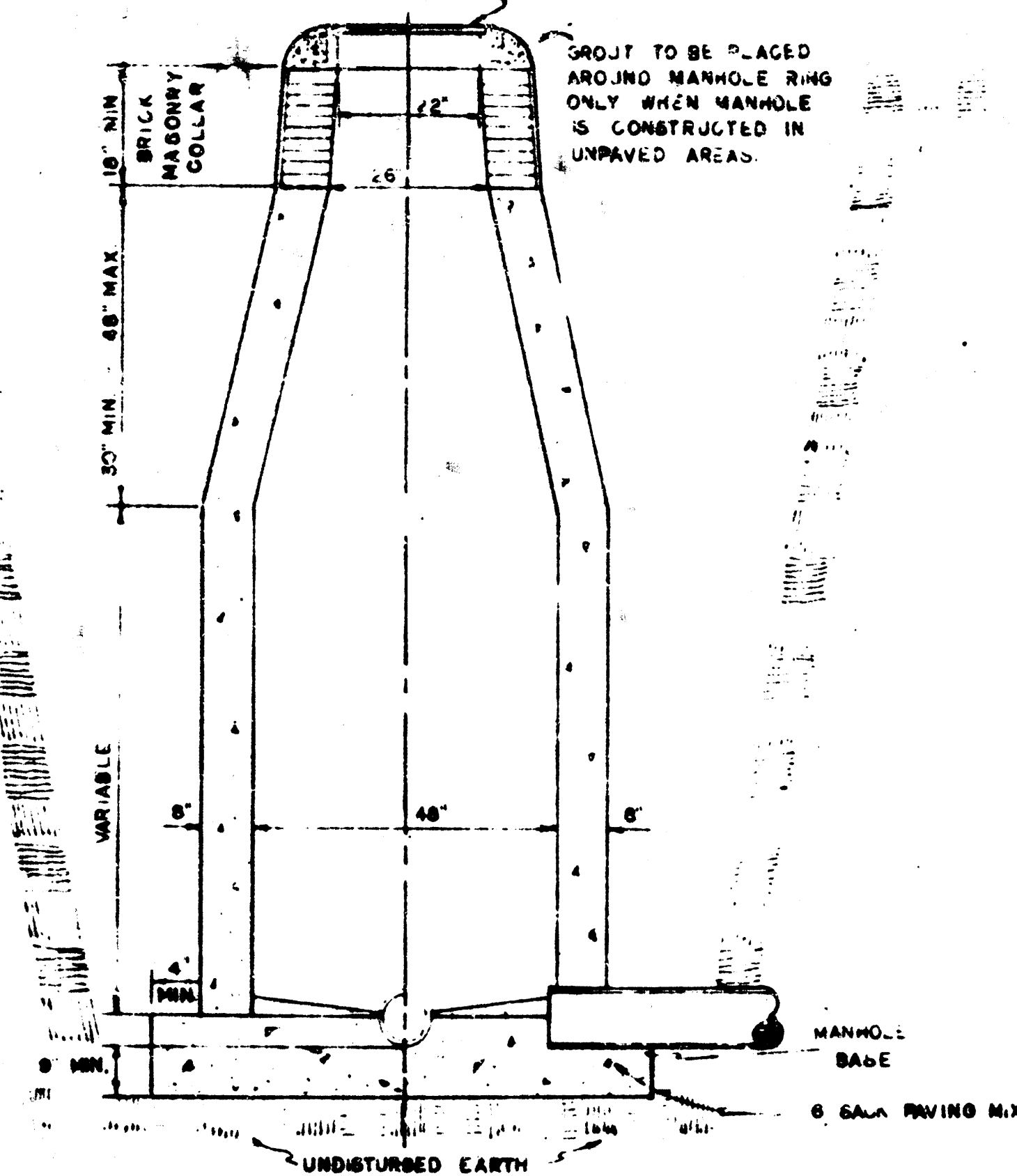
City of Wichita Sanitary Sewer Project No.
468-76-245-80751-000-000-008

REVISED 4-13-77
DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1974

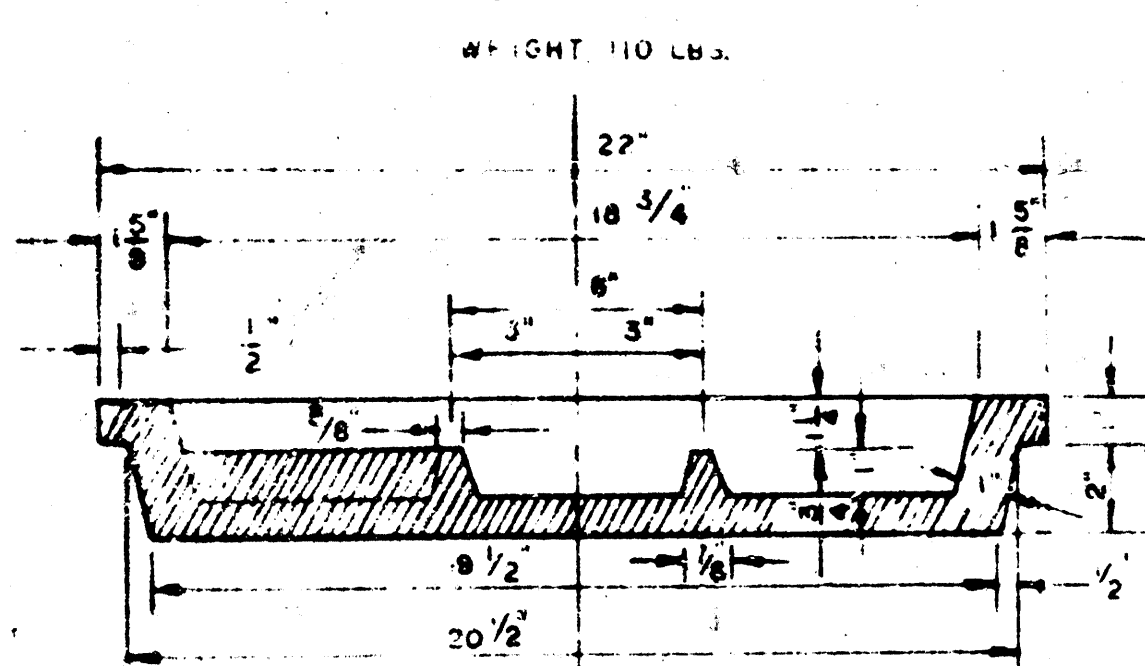
STONEY BROOK APR. 1978 SHEET 11 OF 15

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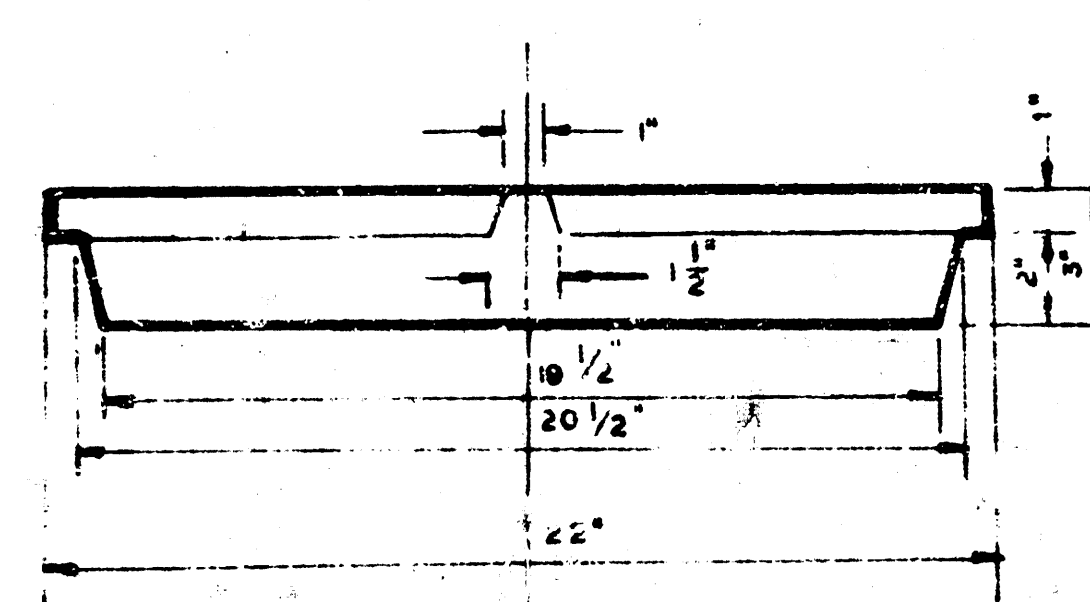
STANDARD MANHOLE, TYPE "C"
RING AND JOINT AS SPECIFIED



MANHOLE COVER

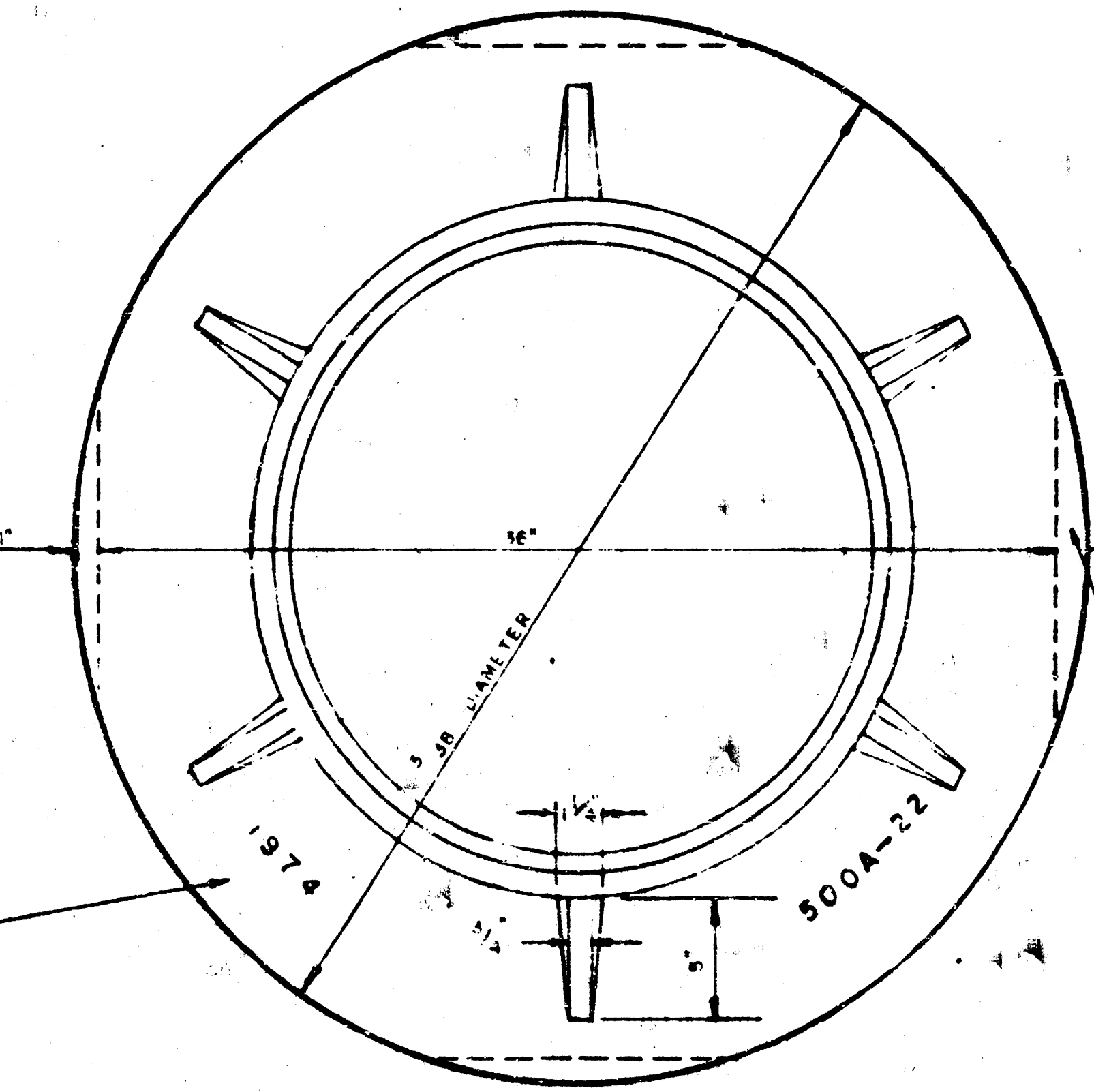
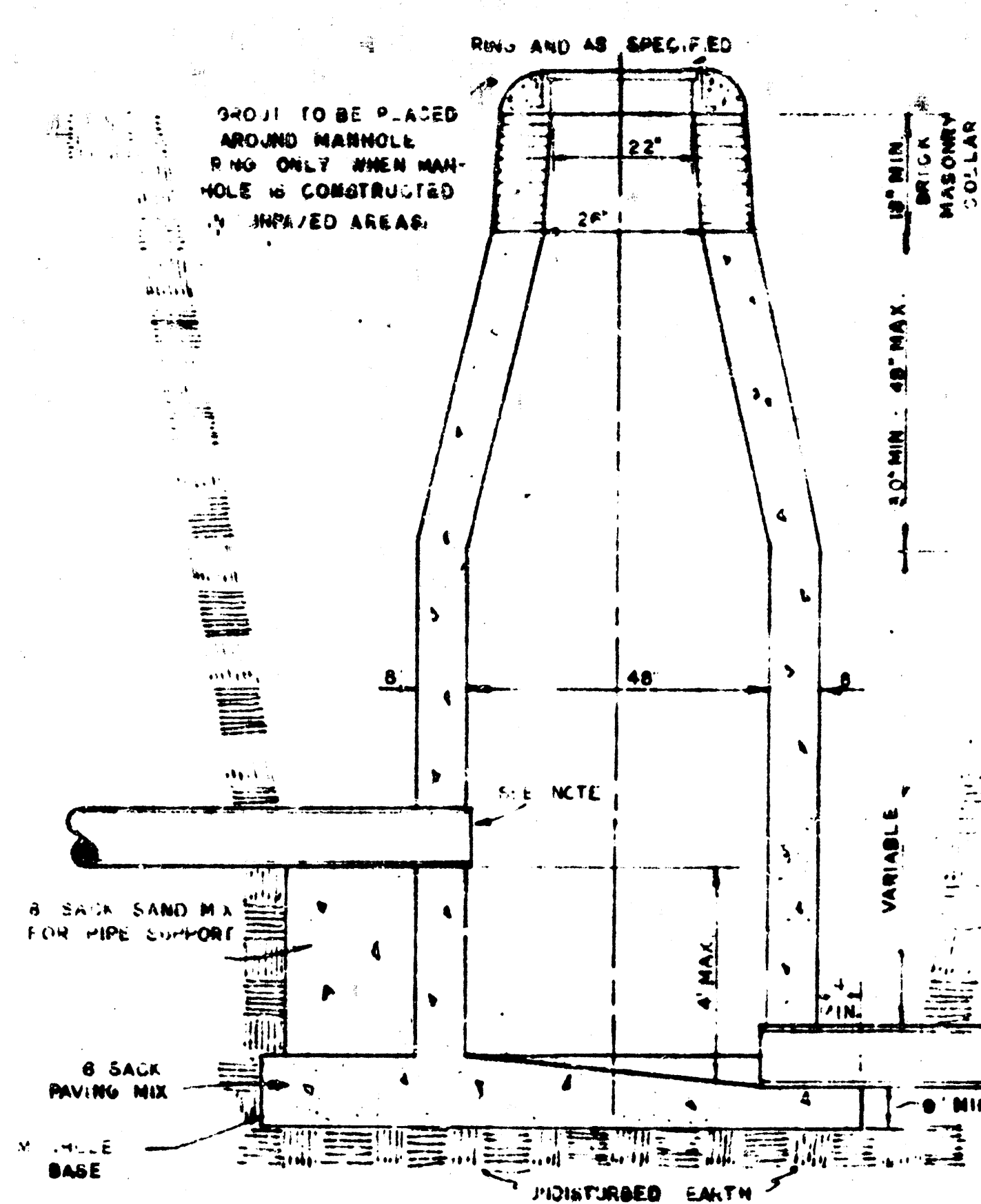


MANHOLE COVER



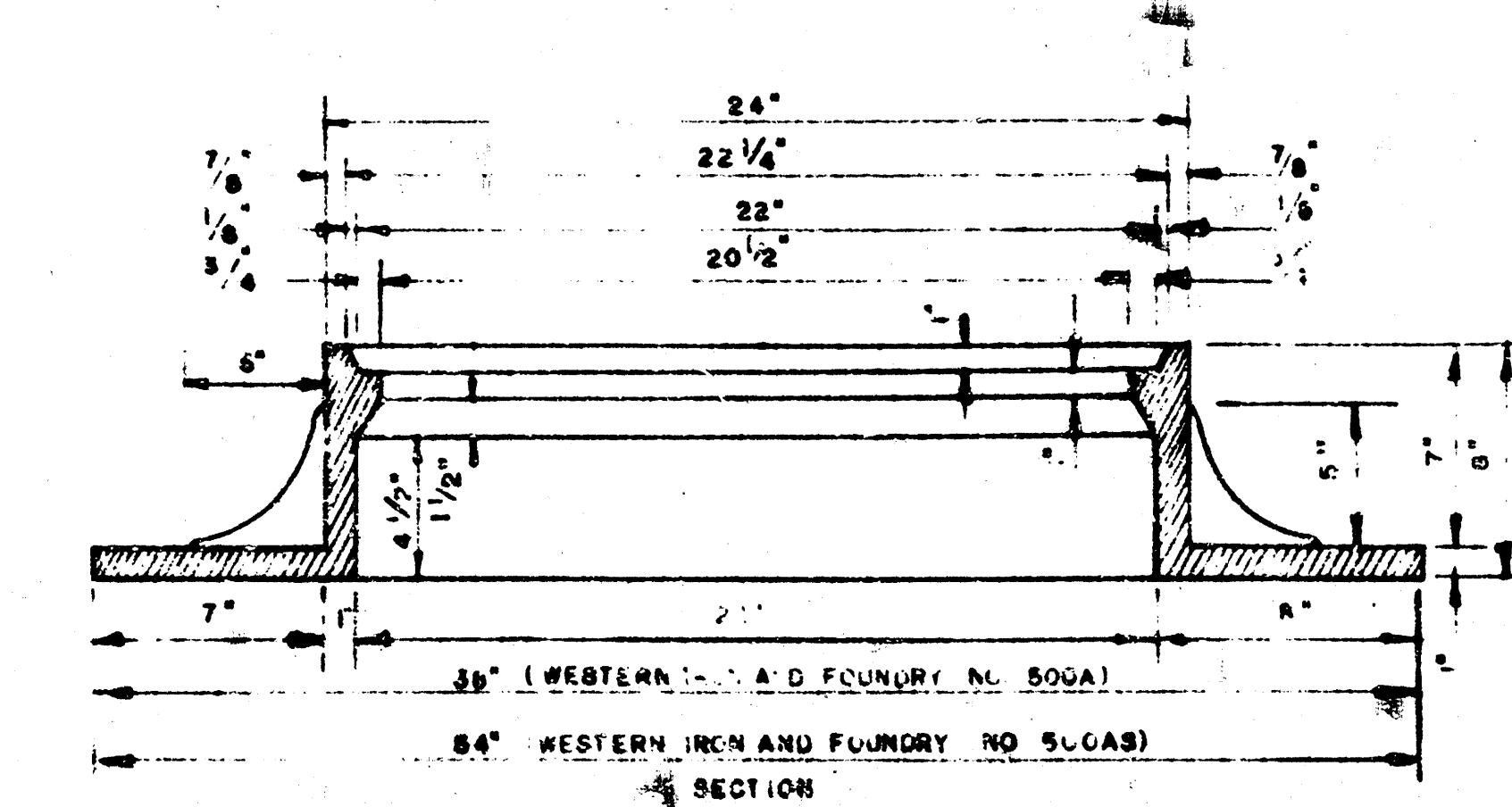
MANHOLE COVER

DROP MANHOLE, TYPE "C"
RING AND JOINT AS SPECIFIED



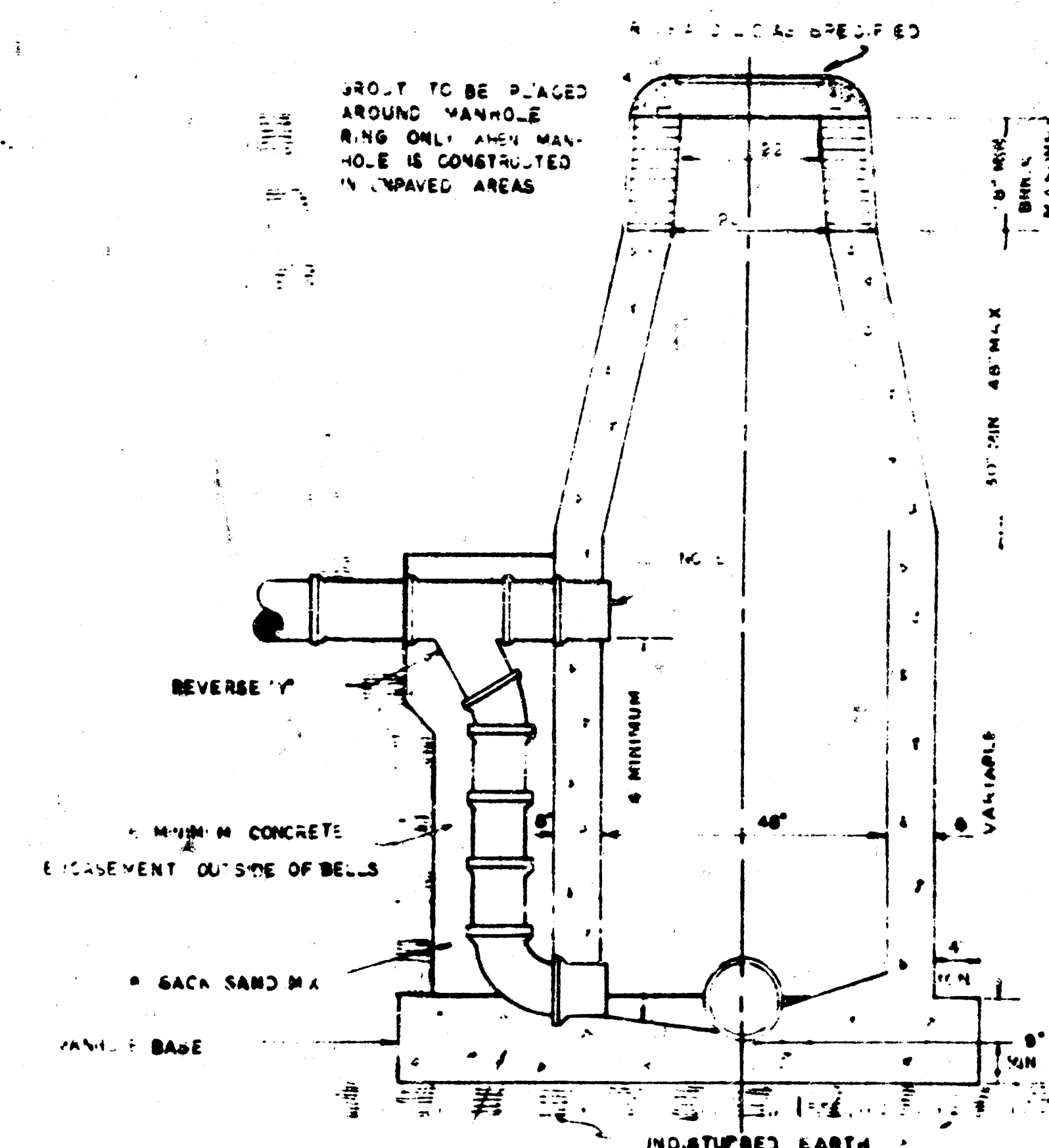
MANHOLE RING

WEIGHT 45 LBS. RING NO. 500A
WEIGHT 80 LBS. RING NO. 500AS

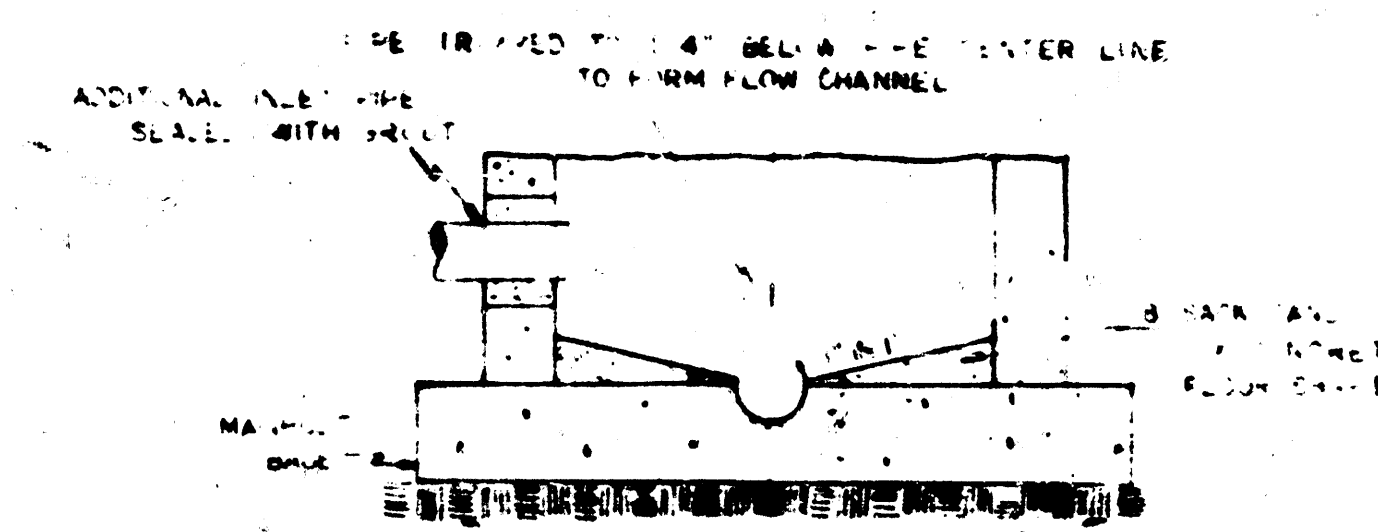


MANHOLE RING

OUTSIDE DROP MANHOLE, TYPE "C"
RING AND JOINT AS SPECIFIED



NOTE: REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES 6" ABOVE THE BOTTOM. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE COST OF REINFORCING STEEL IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.



SECTIONAL ELEVATION-INVERT

NOTE: OPENING FOR INLET PIPE CUT IN MANHOLE WALL AND PIPE GROUTED IN PLACE WITH NON-SHRINKING GROUT. EXTERIOR OF COMPLETED CONNECTION TO BE SEALED WITH APPROVED COATING.

GENERAL NOTES

MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES TYPE "C" AND STANDARD DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED.

OUTSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4 FT. UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5 FT. DIAMETER.

THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE.

CAST IN PLACE CIRCULAR CONCRETE MANHOLES ARE TO BE CONSTRUCTED ONLY ON SEWERS NOT SUBJECT TO DETEIORATION OF CONCRETE DUE TO FORMATION OF HYDROGEN SULFIDE GAS AND IN LOCATIONS WHERE IT IS OBVIOUS THAT ANY ADJUSTMENT OF THE MANHOLE TOP ELEVATION WHICH MAY BE NECESSARY WILL NOT REQUIRE MODIFICATION OF THE CONCRETE BARREL.

PIPES INSTALLED WITHIN THE MANHOLE EXCAVATION SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. COST OF CRADLE WITHIN MANHOLE EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

REVISED 4-13-77

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
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1974

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