

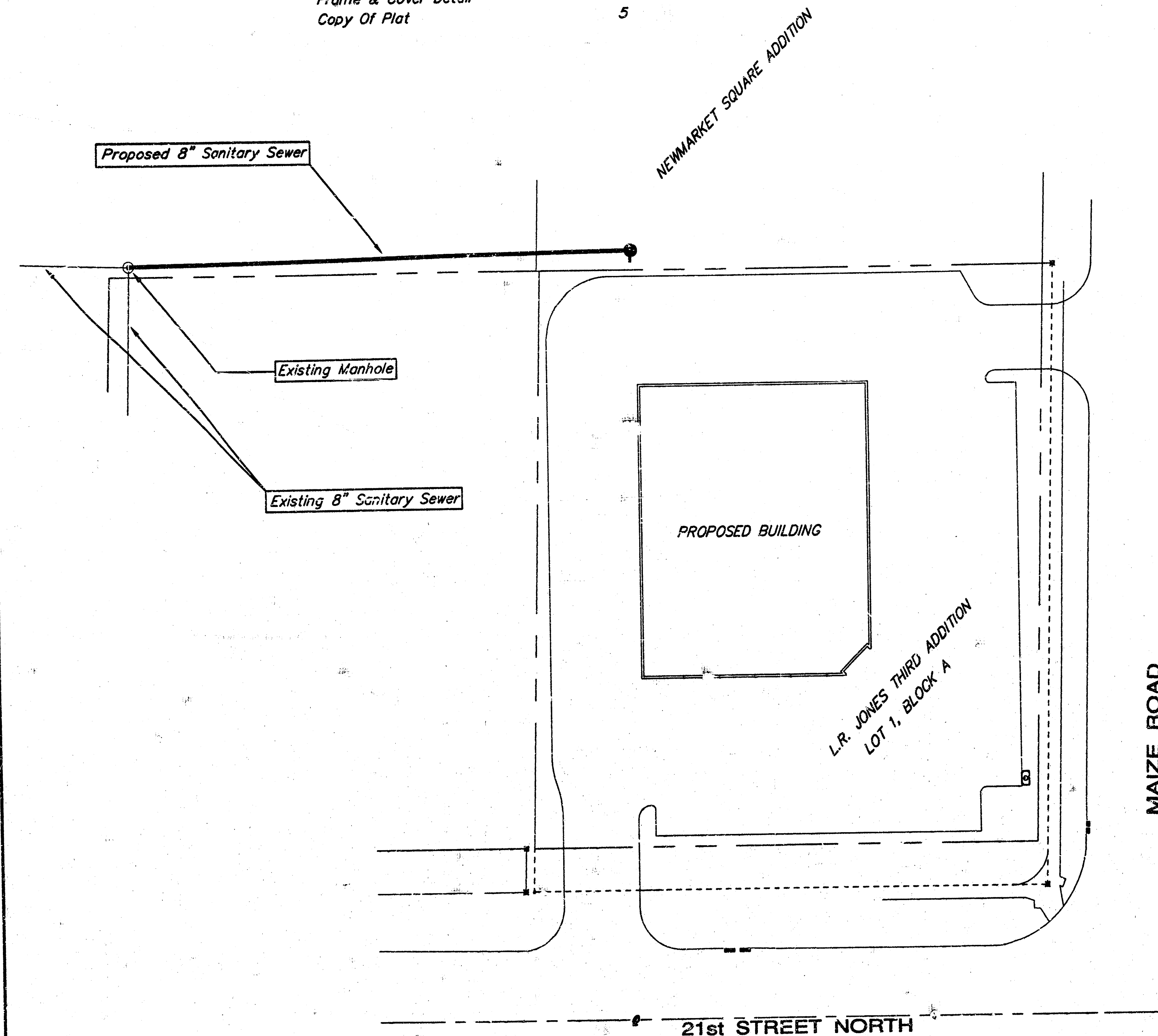
SANITARY SEWER TO SERVE L.R. Jones Third Addition PART OF LOT 1, BLOCK A Private Project Number 969 PPS (607861)

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P.E. City Engineer
January 2000

Index

Title Sheet
Plan/Profile Sheet
Manhole Detail
Frame & Cover Detail
Copy Of Plat

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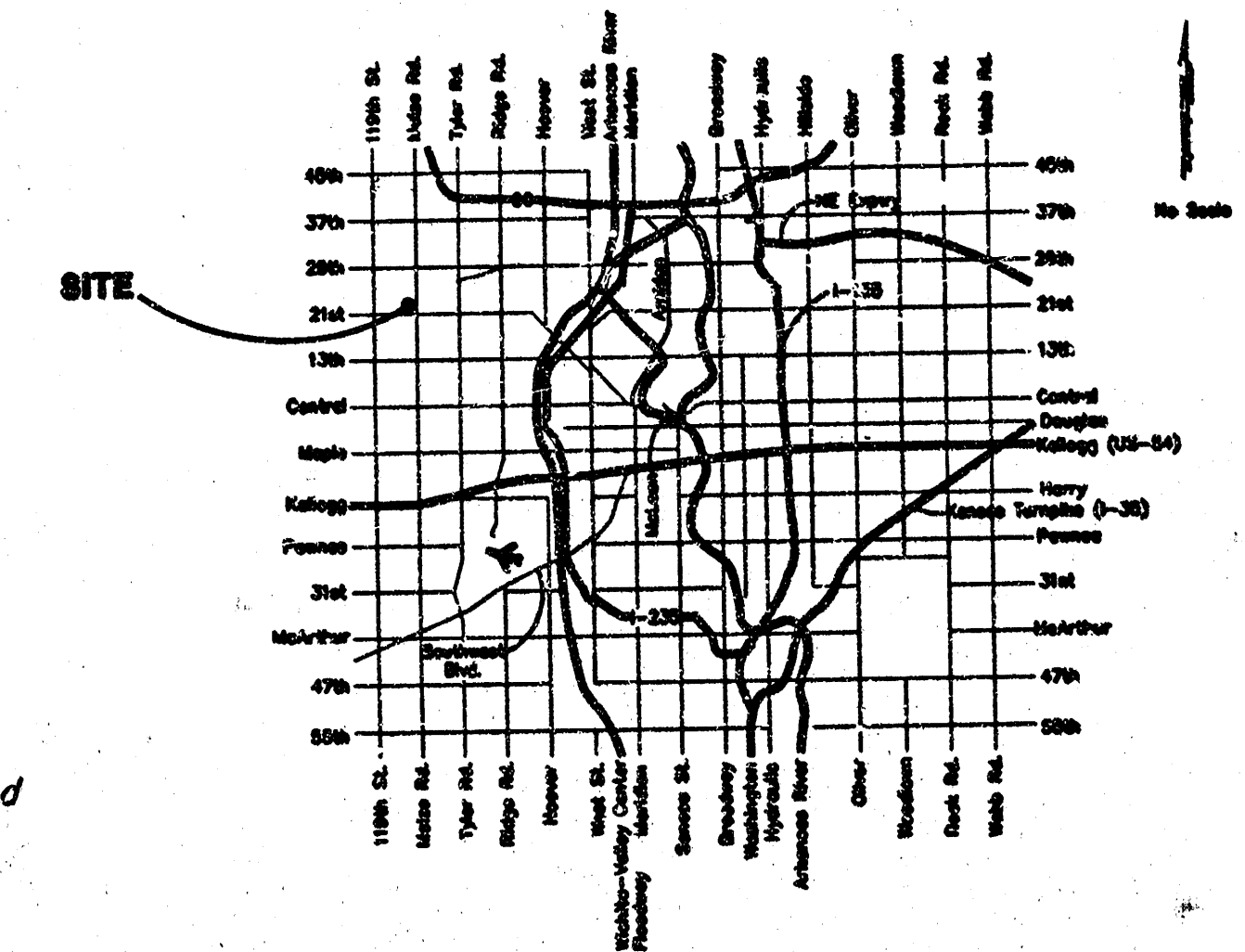


SCALE:
1" = 40'

General Notes

- Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
Multimedia Cablevision 262-4270
Kansas Gas Service 383-8600
KGE 383-8650
Peoples Gas Company 942-7600
Southwestern Bell Telephone Company 1-571-2511
City of Wichita Water Department 268-4908
City of Wichita Sewer Department 268-4071
- All areas disturbed by construction operations shall be seeded with rye grass at a rate of 6 lbs. per 1000 sq. feet or as per city specs. Contractor to prepare ground to city specifications.
- Utility service lines, poles, valve boxes, meters, et cetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans represent the best information obtainable for design and shall be field verified. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of work.
- Trees and shrubs which are in direct conflict with proposed new construction shall be removed by the contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

Location Map



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers VRH 1/11/00

NOTE TO CONTRACTORS

Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

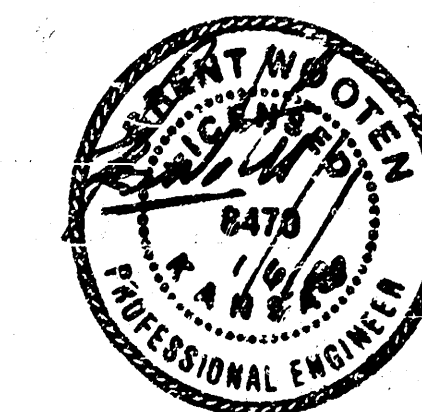
Legal Description:

The East 243.60 feet of Lot 1, Block A, L.R. Jones Third Addition, Sedgewick County, Kansas.

Benchmark:

City of Wichita Disc 54' East and 99' South of SE Corner 21st Street and Maize Road.
Elevation: 164.30 City Datum

Booked
p-136
RDL
8-17-00



As built + inspected by
Baughman C. P.A.
5-18-2000

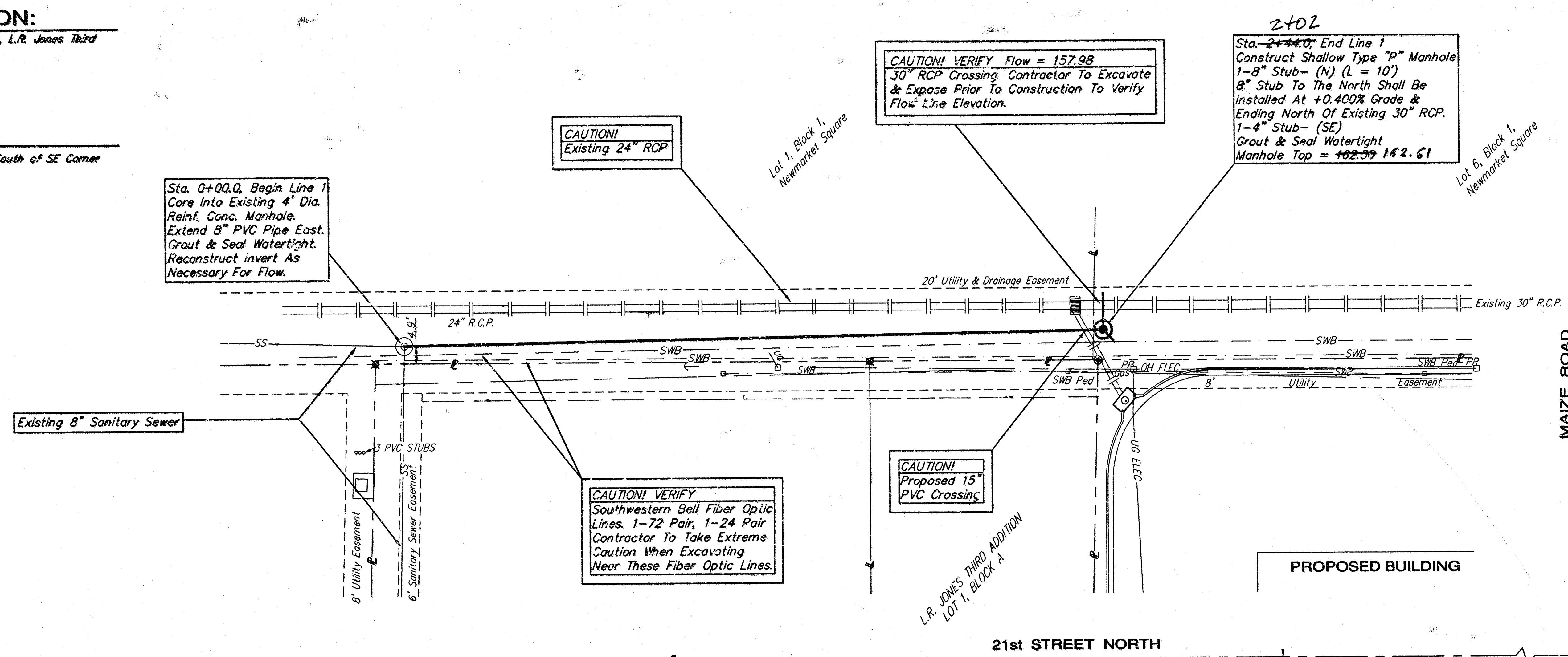
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-202-7271 • 315 ELLIS • WICHITA, KANSAS 67211

LEGAL DESCRIPTION:

The East 243.60 Feet of Lot 1, Block A, L.R. Jones Third Addition, Sedgewick County, Kansas.

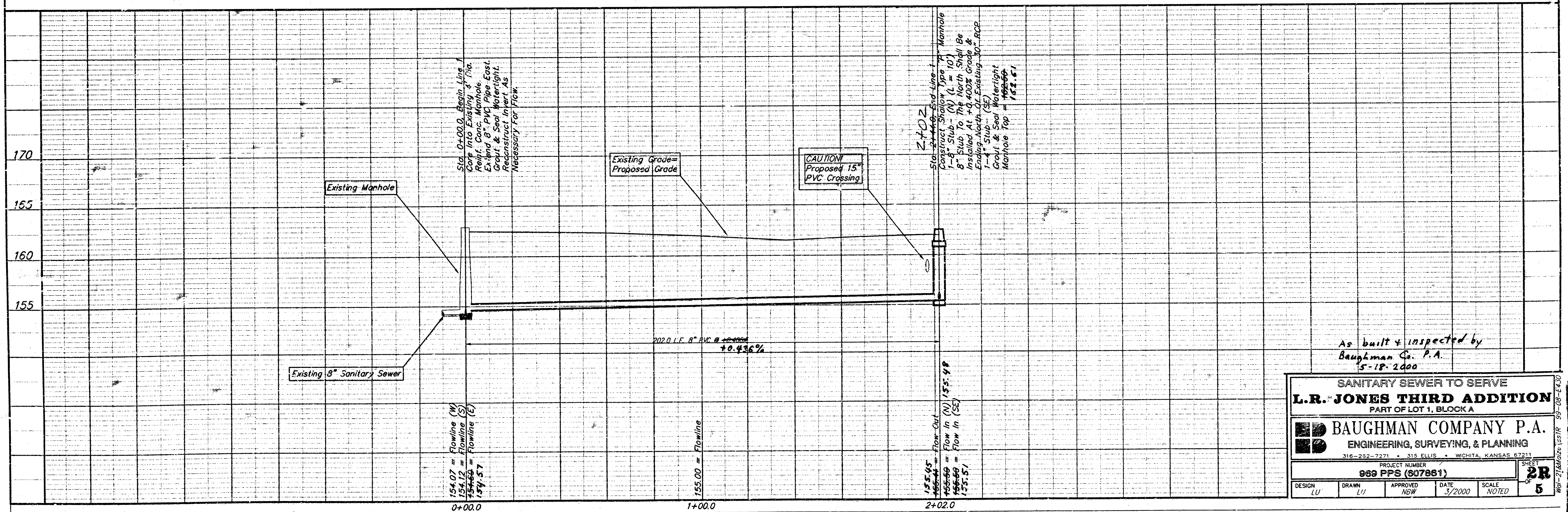
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City of Wichita Disc 54" East and 99" South of SE Corner 21st Street and Maize Road.
Elevation: 164.30 City Datum



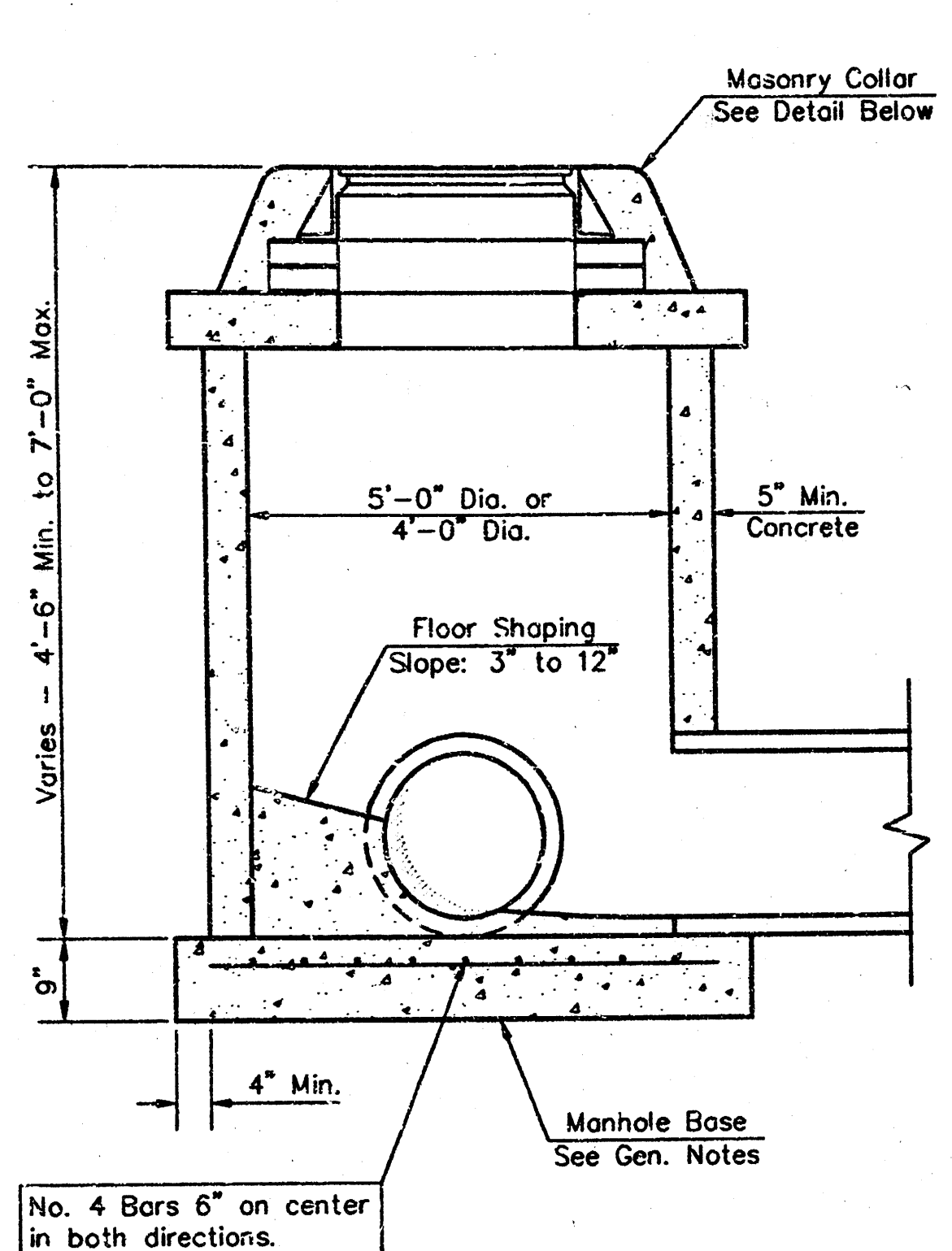
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

REVISION 1 - 3/17/2000

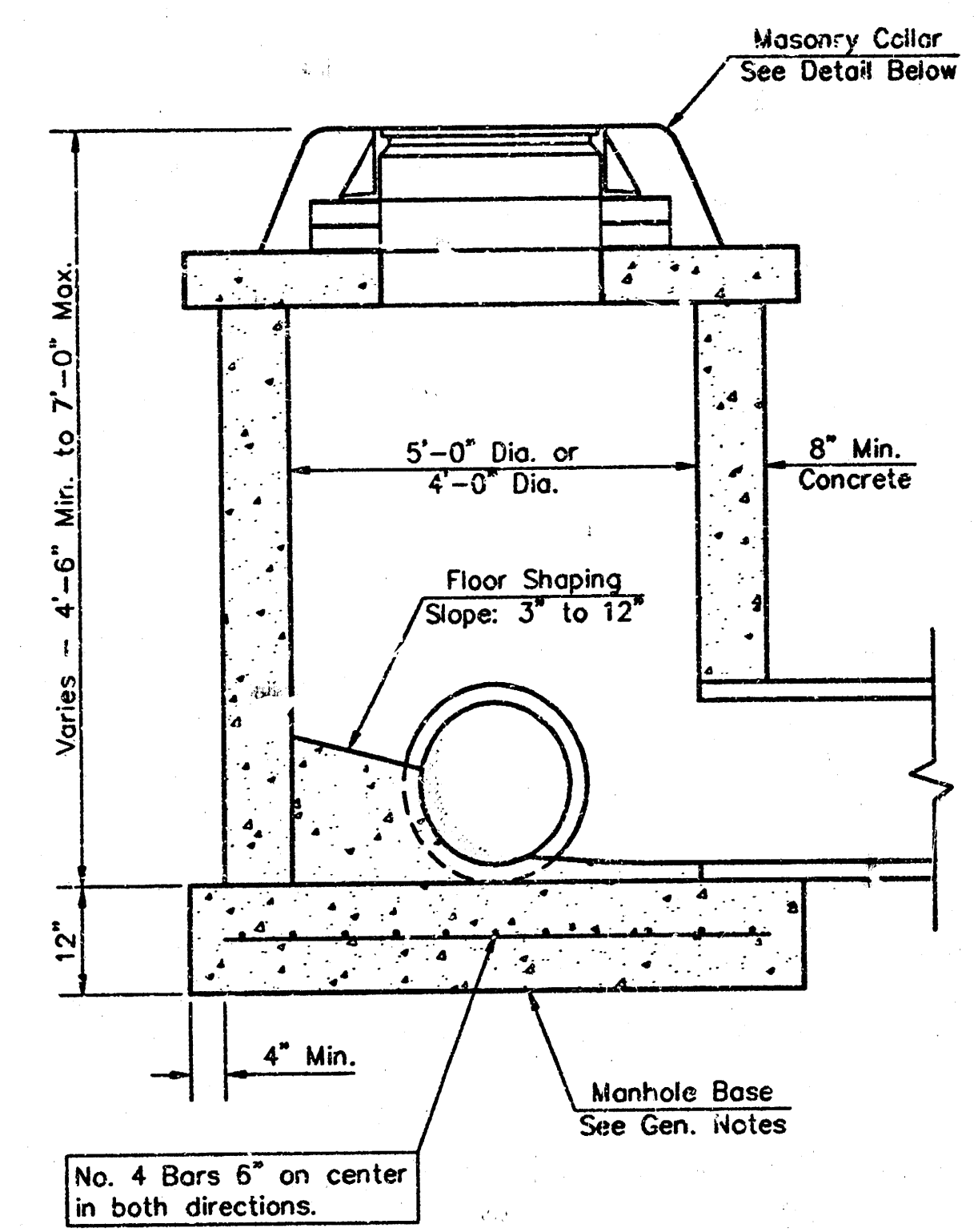


As built & inspected by
Baughman Co. P.A.
5-18-2000

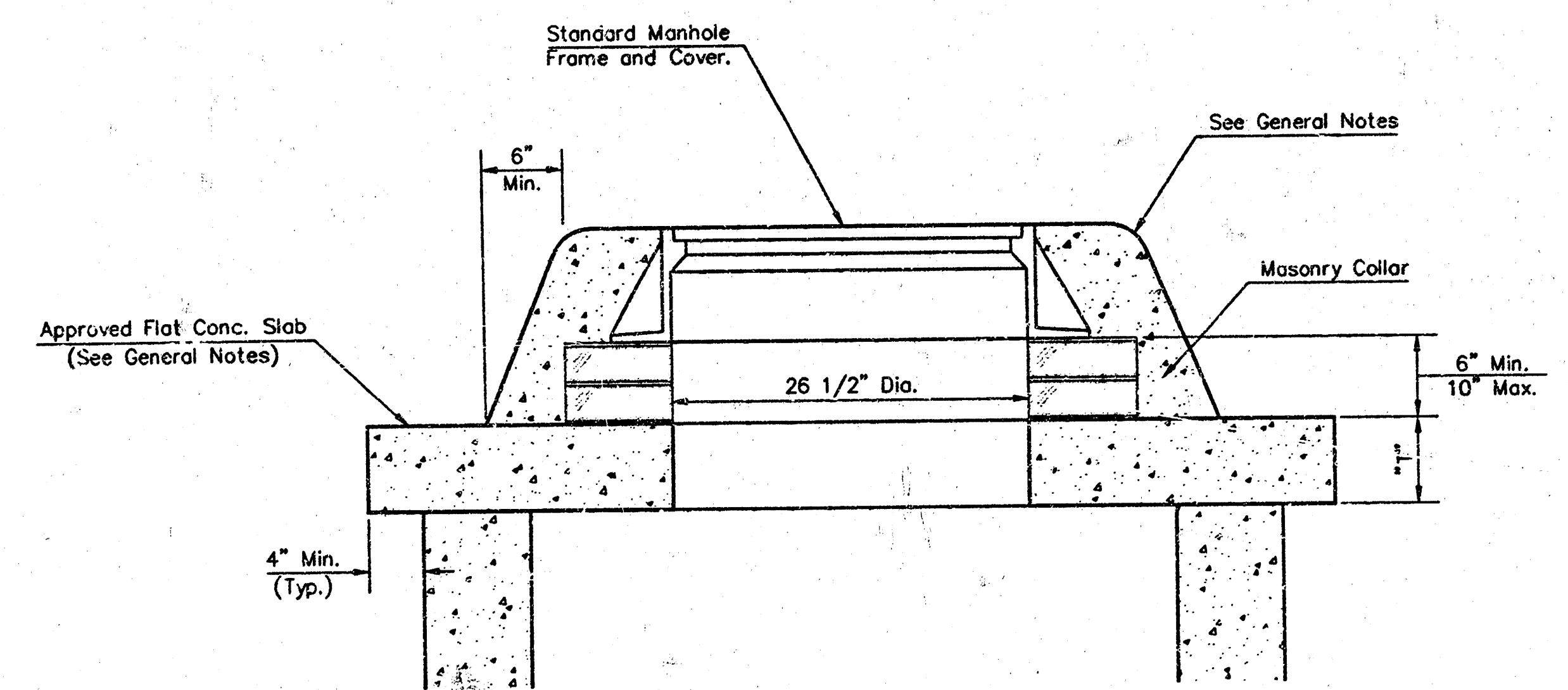
SANITARY SEWER TO SERVE				
L.R. JONES THIRD ADDITION				
PART OF LOT 1, BLOCK A				
BAUGHMAN COMPANY P.A.				
ENGINEERING, SURVEYING, & PLANNING				
316-252-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				
989 PPS (607861)				
DESIGN	DRAWN	APPROVED	DATE	SCALE
LU	LU	NEW	3/2000	NOTED
				SHEET
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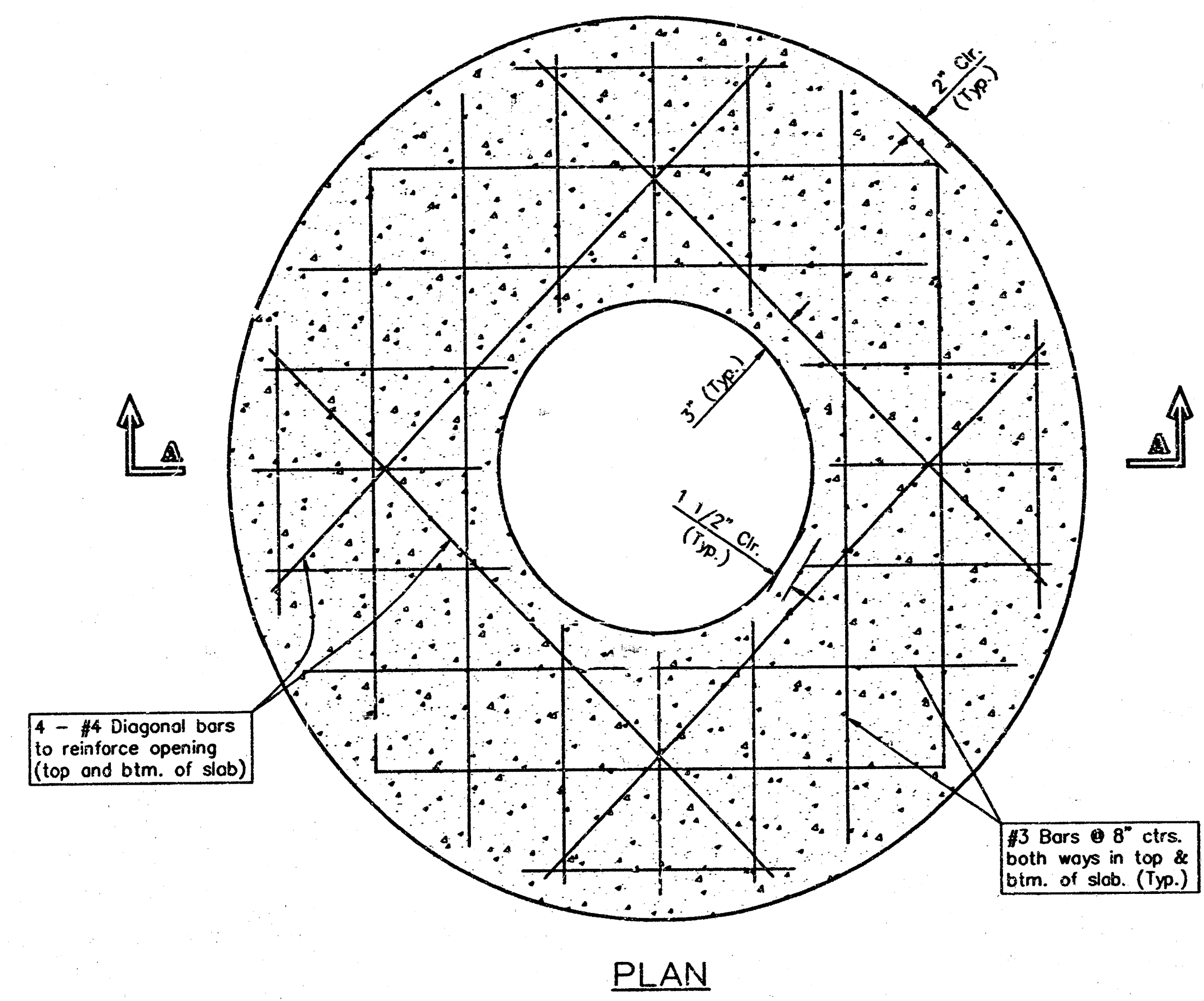
SHALLOW TYPE "P" MANHOLE



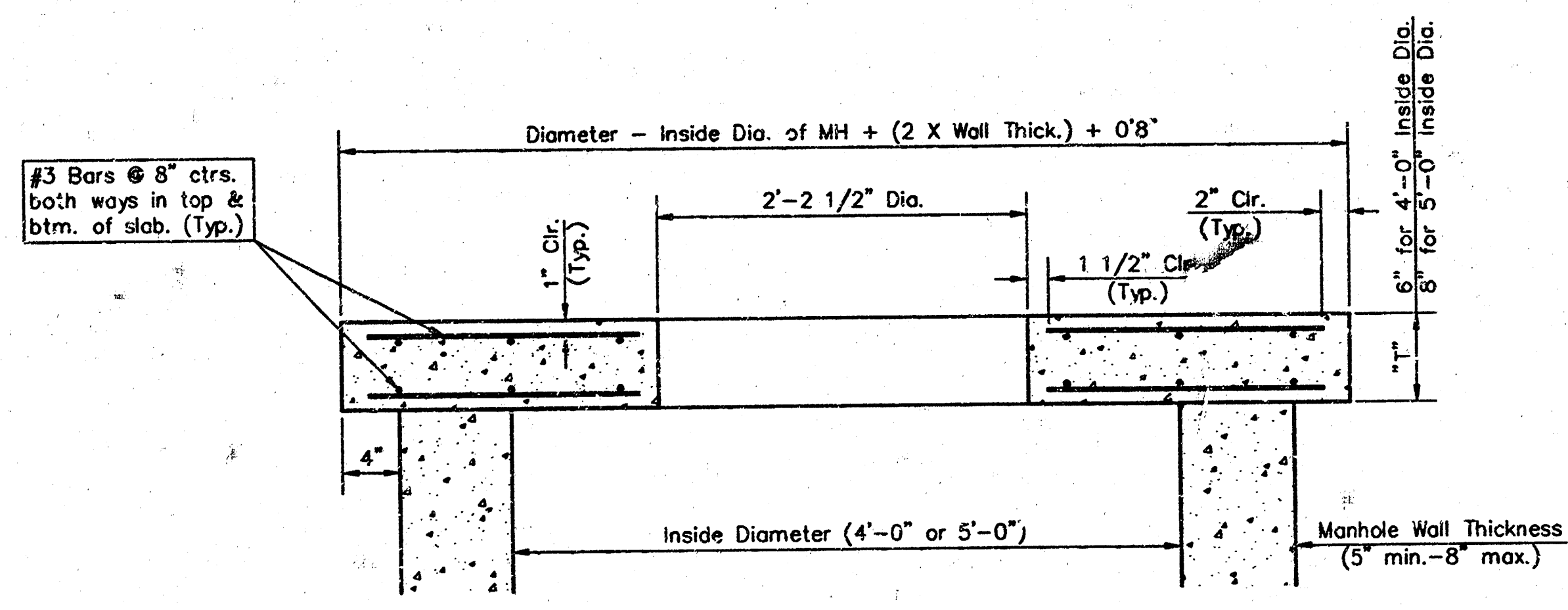
SHALLOW TYPE "C" MANHOLE



MASONRY COLLAR DETAIL



PLAN

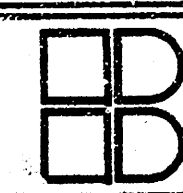


SECTION A-A

FLAT CONCRETE SLAB DETAILS

GENERAL NOTES

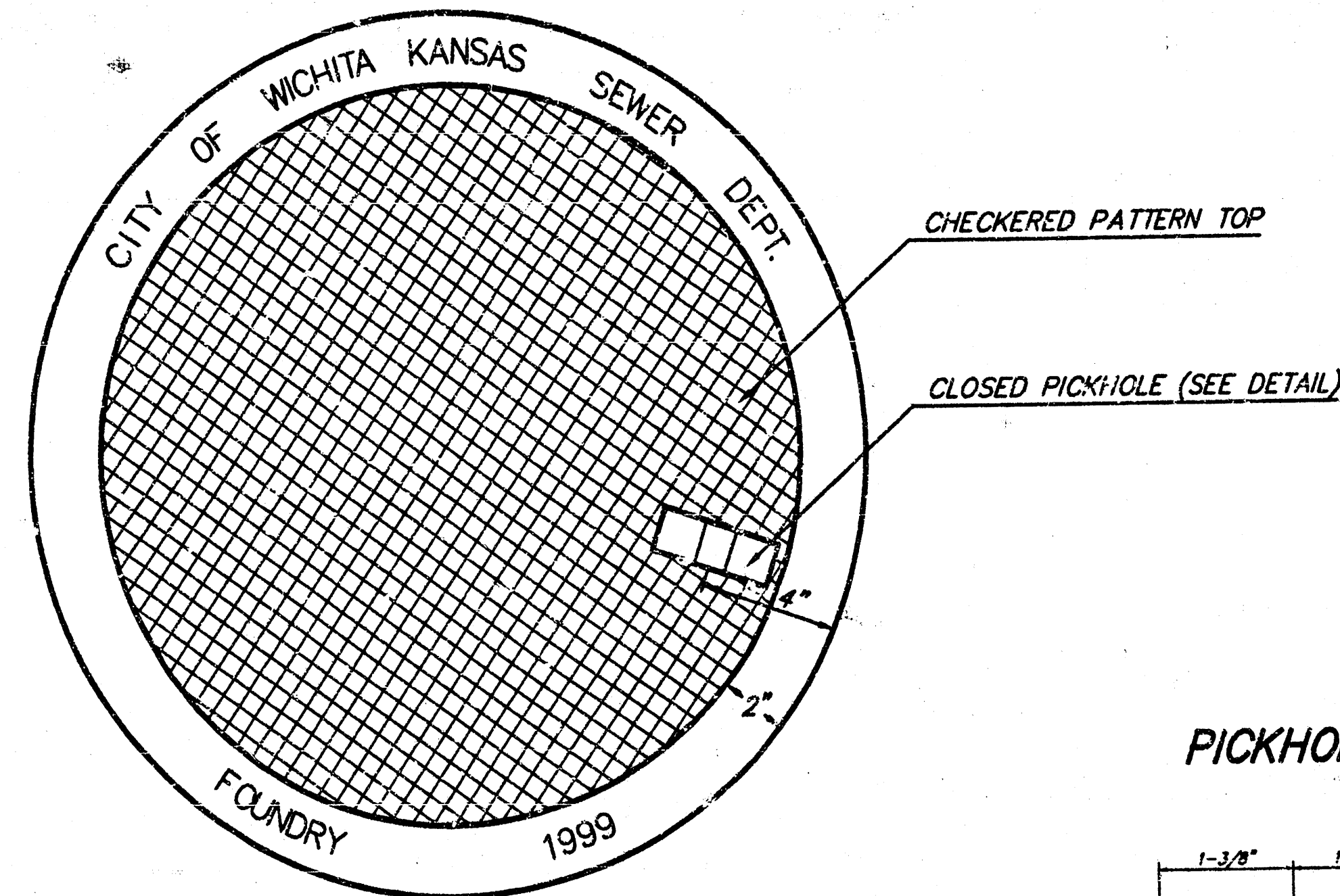
1. Mortar used in masonry construction shall contain 8 sacks of cement per cubic yard. Concrete used in manhole bases shall conform to the requirements of concrete for concrete pavement construction as specified in the city standard paving specifications using city concrete cement mix without air entraining admixture. Mortar shall be placed around the manhole ring as shown on the drawings when manholes are constructed in unpaved areas. Manholes constructed where pipe sizes are smaller than 24" shall have an inside diameter of 4". Manholes constructed where pipe sizes are 24" or larger shall have an inside diameter of 5". Completed manhole shall be without leaks and water tight.
2. Reinforcing steel shall be installed in the manhole bases and shall consist of no. 4 bars placed on 6" centers in both directions. The manhole base reinforcement shall be placed 6" above the bottom of the manhole base. All costs for furnishing and installing reinforcing steel shall be included in the unit price bid for the manhole.
3. The floors of all manholes shall be shaped with flow channels such that the manholes will be self cleaning and free of areas where solids could be deposited as sewage flows through the manhole from all inlet pipes to the outlet pipe. Flow channels shall be formed to match the bottom halves of the inflowing pipes and the outflowing pipe as shown by the drawings. Manhole floors shall have slopes of 3 inches per foot in the areas outside of the flow channels sloped toward the flow channels. Pipes laid through manholes shall have the top half removed to neat lines for the full inside diameter of the manhole. Manhole floors shall then be shaped around the bottom half of the pipe which forms the flow channel.
4. Pipes installed within the excavation made for the manhole shall be cradled with concrete to the limits of the manhole excavation. When clay pipe is used, the cradle shall extend to the first joint outside the manhole. The cradle shall be terminated at the clay pipe joint in a manner which will maintain the flexibility of the joint. Cost of cradle within manhole excavation or to clay pipe joints adjacent to manhole shall be included in the unit price bid for the manhole.
5. Manhole cover castings and manhole frame castings shall conform to the requirements as indicated in the standard specifications and as shown in the standard detail drawings.
6. The crowns of inflowing pipes shall never be set lower than the crown of the outflowing pipe.
7. Standard shallow manholes type "P" and "C" shall be paid for at the unit price bid per each for the type and diameter indicated. All standard shallow manhole diameters will be 4' unless indicated otherwise.
8. All brick used in manhole construction shall meet Grade SW of ASTM C652 or C62-87.

CITY OF WICHITA, KANSAS	
STANDARD SHALLOW MANHOLES	
TYPE 'P' AND TYPE 'C'	
PROJECT NUMBER 989 PPS (607861)	SHEET 3 OF 5
 BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELUS • WICHITA, KANSAS 67211	

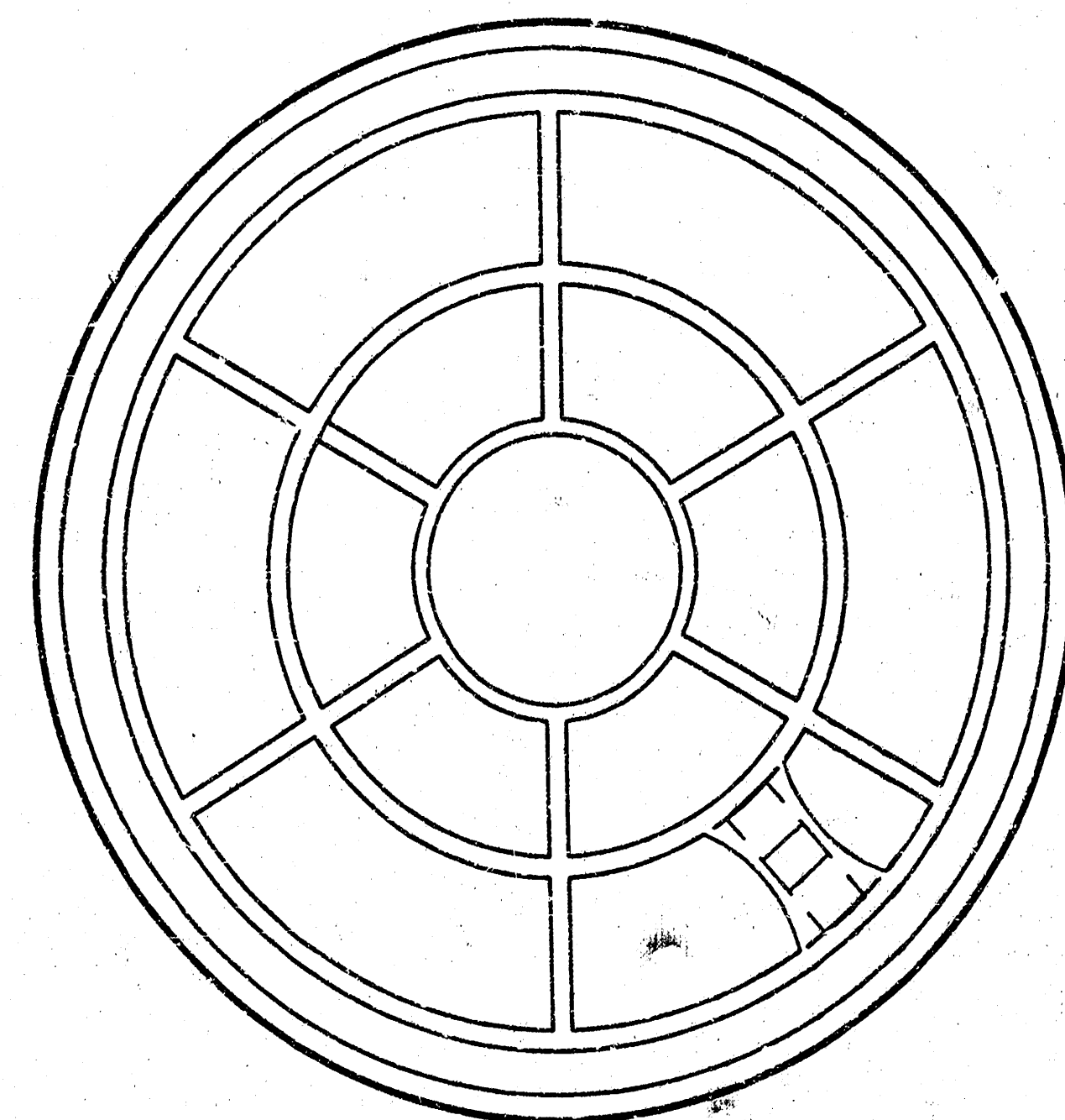
MANHOLE FRAME AND COVER DETAIL

ADOPTED AS STANDARD DESIGN BY
CITY OF WICHITA, KANSAS

MANHOLE COVER
Weight = 180 Lbs.

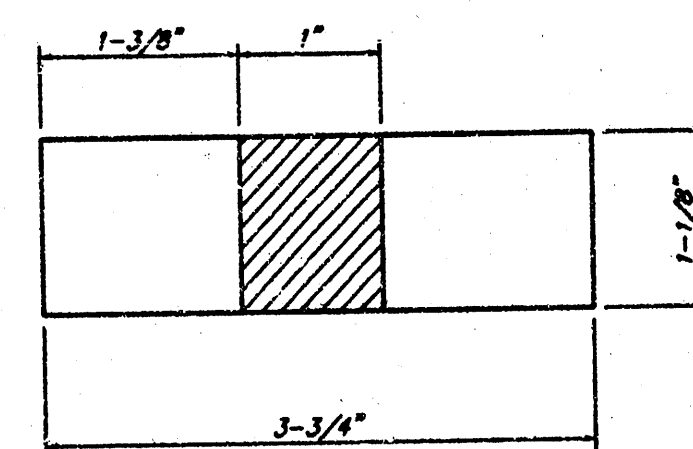


TOP VIEW

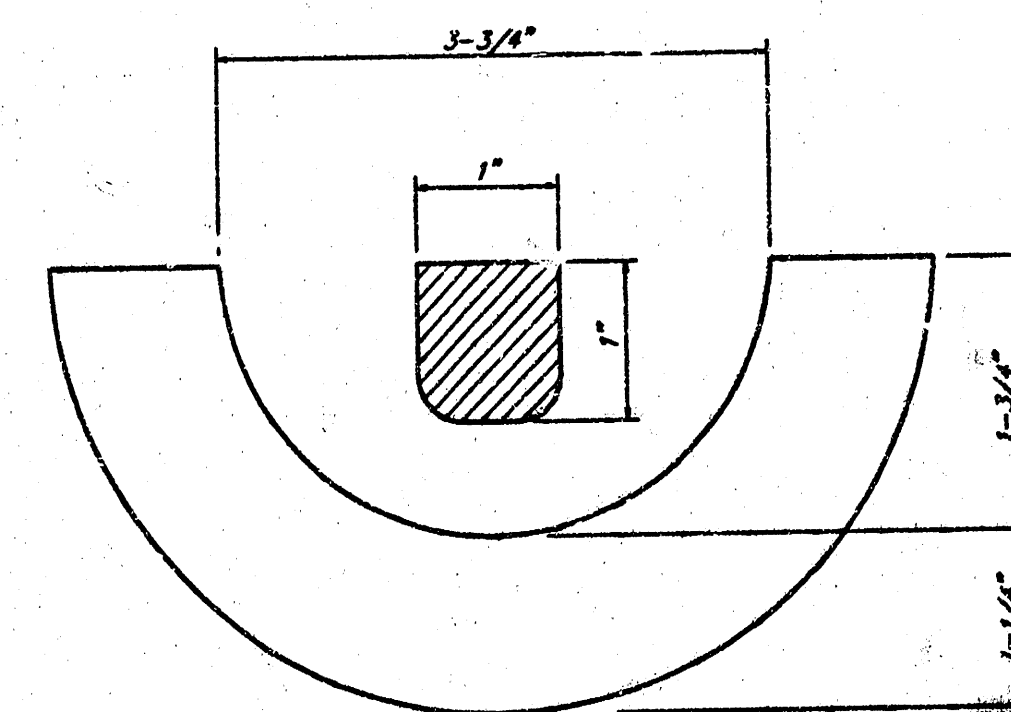


BOTTOM VIEW

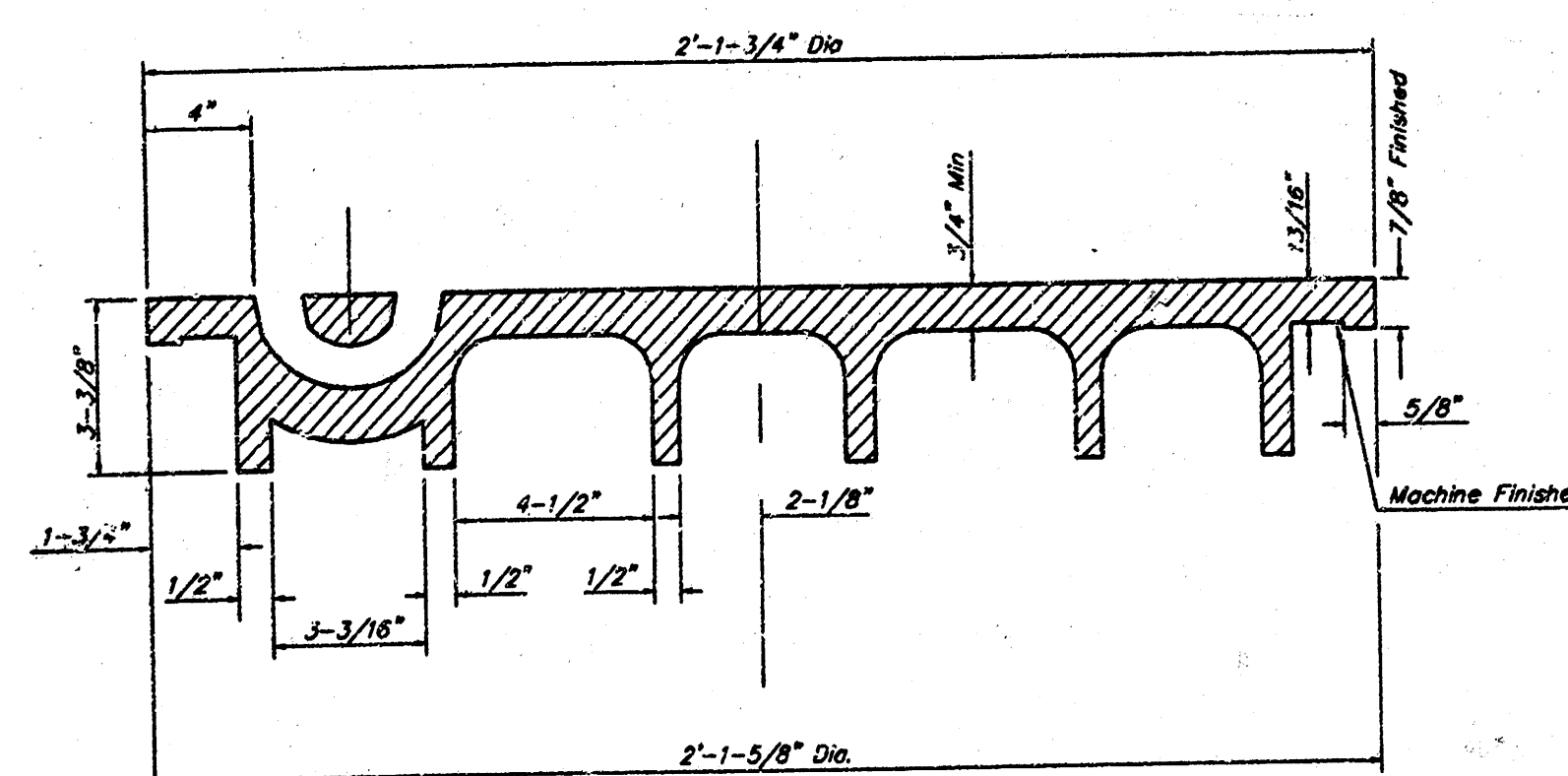
PICKHOLE DETAIL



TOP VIEW

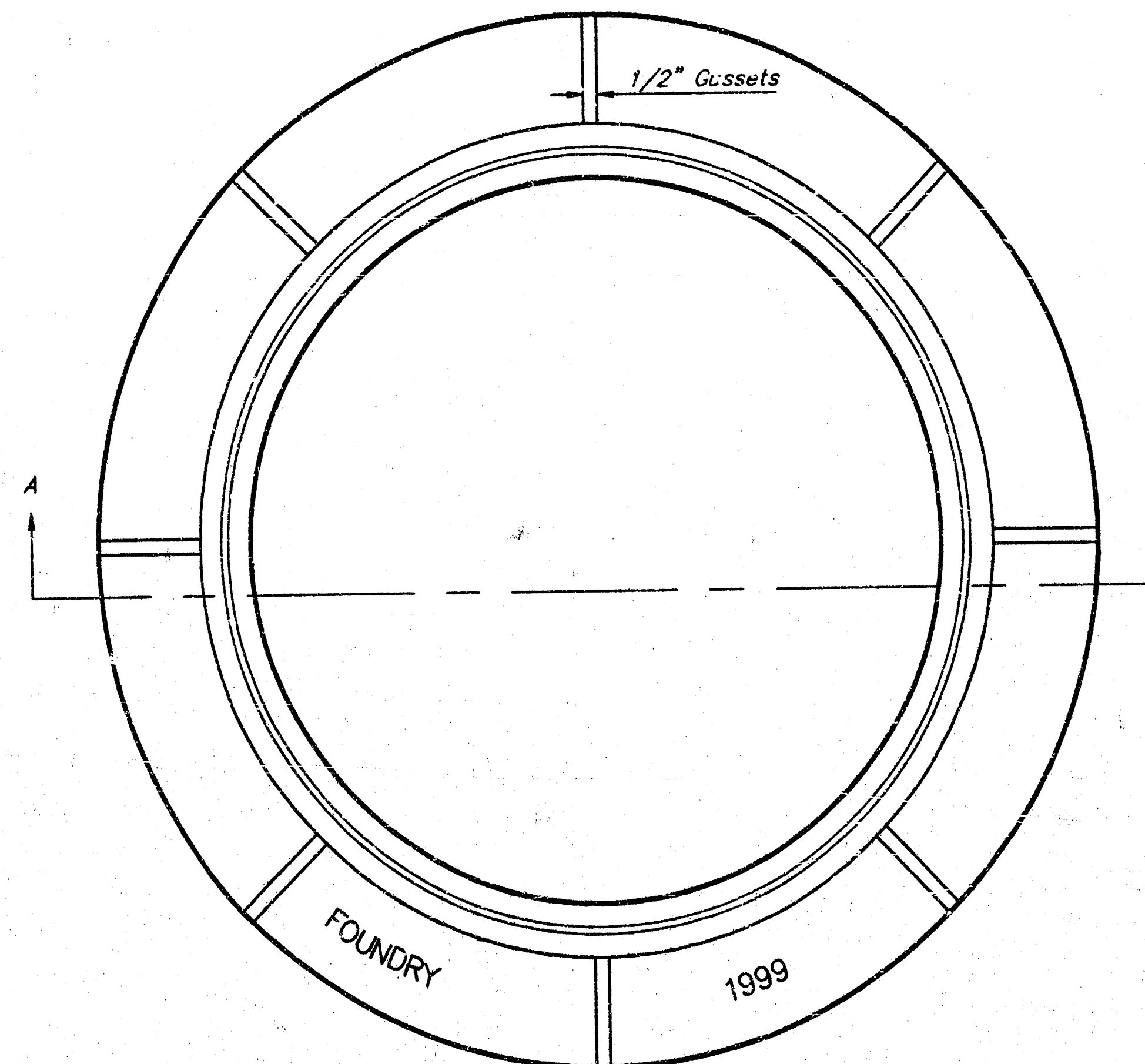


SECTION VIEW

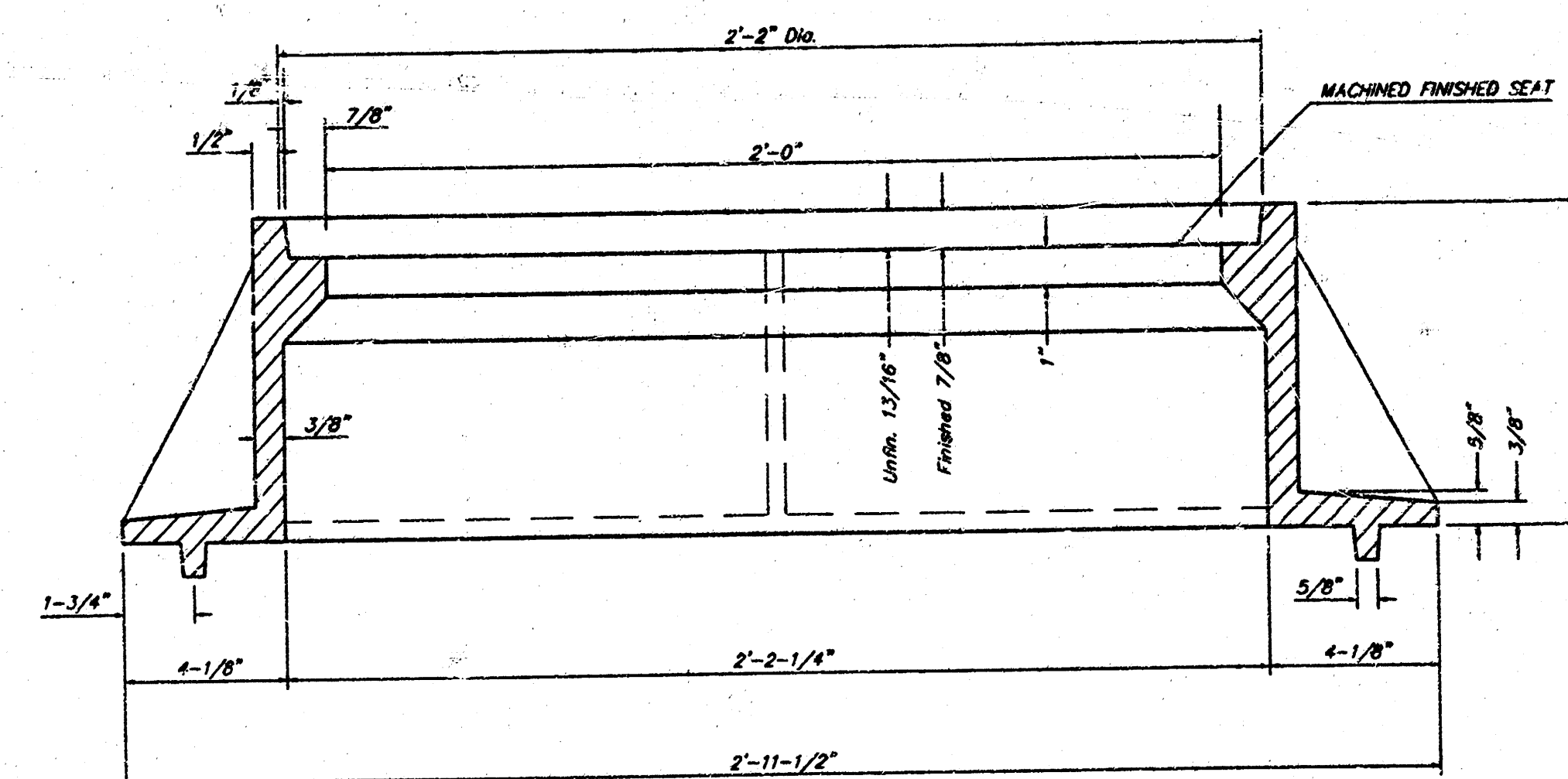


SECTION VIEW

MANHOLE FRAME
Weight = 145 Lbs.



TOP VIEW



SECTION A-A

GENERAL NOTES

MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND HEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.

MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.

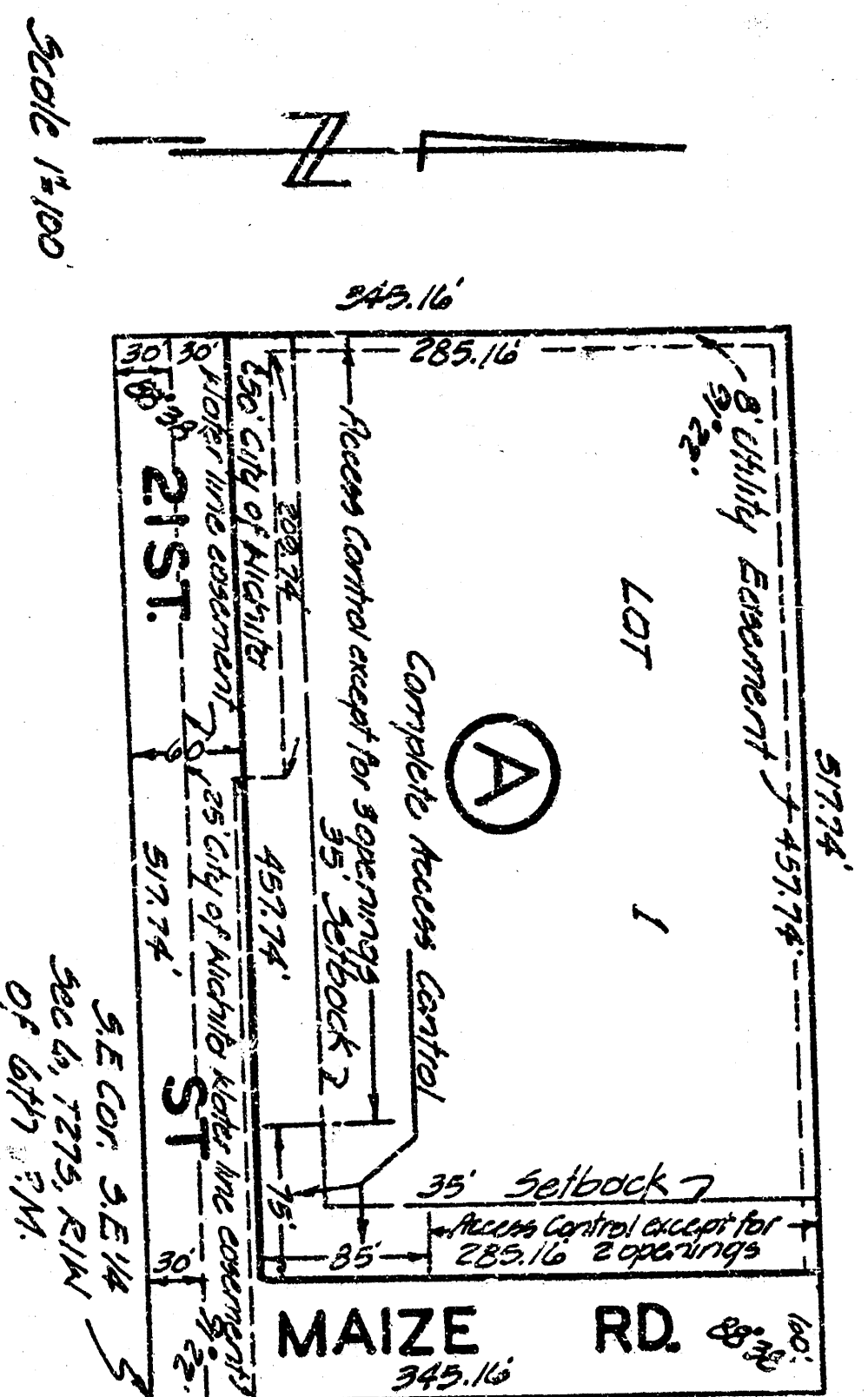
MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDRY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON-ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES ON THE COVER AND THE FRAME TO CLOSE TOLERANCES.

THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME RECESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH AS THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.

THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1 INCH IN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF WICHITA SEWER DEPARTMENT". THE WORD DEPARTMENT MAY BE ABBREVIATED. THE TEXTURE OF THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUT SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.

MANHOLE FRAME AND COVER DETAIL					
ADOPTED AS STANDARD DESIGN BY CITY OF WICHITA, KANSAS					
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING					
316-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 989 PPS (807661)					
DESIGN STAFF	DRAWN STAFF	APPROVED NSW	DATE 1/00	SCALE NONE	SHEET 4 OF 5

L. R. JONES THIRD ADDITION
SEDGWICK COUNTY, KANSAS.



State of Kansas } ss.
County of Sedgwick }
I, Don C. Moehring, C.E., a Civil Engineer
in said State and County, do hereby certify that
I have surveyed and platted L.R. JONES THIRD
ADDITION, SEDGWICK COUNTY, KANSAS,
into a block, a street and a road, the
same being accurately set forth in the accompanying
plat and described as: A road of land
in the 3.5 1/4 of Section 6, Township 27 South
Range 1 West of the 4th R.M., beginning at the
S.E. corner of the 3.5 1/4 of Section 6, Township 27
South Range 1 West of the 4th R.M. thence West
along the South line of said Section 6, a distance
of 547.74 feet, thence North parallel with the
East line of Section 6, a distance of 547.74 feet to a point
in the East line of the 3.5 1/4 of said Section 6,
thence South 54.16 feet to the point of beginning
thence South 54.16 feet to the point of beginning

Don C. Moehring, C.E.
DON C. MOEHRING, C.E. CONVEYING CIVIL ENGINEER

Know all men by these presents that we the undersigned
property owners of the land as above set
forth in the Civil Engineer's Certificate have caused
the same to be surveyed and platted into a lot
a block, a street and a road the same to be known
as L.R. JONES THIRD ADDITION, SEDGWICK COUNTY,
KANSAS. The street and the road
are hereby dedicated to and for the use of the
public, easements as indicated for the construction
and maintenance of public utilities are hereby
granted. The water line easement as indicated on the
face of the plat is dedicated to the City of Wichita.
All other rights of access to or from Maize Rd. and
21st Street over and across the East and South sides of Lot 1
Block A, are hereby granted to the public, provided
however that Lot 1 Block A, shall have access to Maize Rd.
at two locations and access to 21st Street at three locations as
may be established by the appropriate governing body.

L. R. Jones
L. R. JONES } ss.
County of Sedgwick }
As if remembered that on this 15 day of February, 1966, before
me, a Notary Public in and for said State and County, came
Lloyd R. Jones and Gerald A. Jones his wife, to me personally
known to be the same persons who executed the foregoing
instrument of writing and duly acknowledged the same
as their voluntary act and deed.

Gerald A. Jones
Gerald A. Jones } ss.
County of Sedgwick }
My commission expires: 12-18-66 Notary Public.

This plat of L. R. JONES THIRD
ADDITION, SEDGWICK COUNTY, KANSAS has been
approved by the Wichita-Sedgwick County,
Metropolitan Area Planning Commission, Wichita,
Kansas and is hereby transmitted to the Board
of Commissioners of the City of Wichita, Kansas
with the recommendation that such plat be approved
as proposed. Dated this 22 day of
January, 1966. The Wichita-Sedgwick County
Metropolitan Area Planning Commission.

Charles E. Staley
Charles E. Staley, Chairman
to R. B. Staley, Secretary
Approved by the Board of City Commissioners
this 22 day of Jan. 1966
Carl H. Staley
Carl H. Staley, Mayor
Edmund J. Staley
Edmund J. Staley, City Clerk

Approved by the Board of County Commissioners
this day of Jan. 1966
Don C. Moehring
Don C. Moehring, Chairman
John C. Staley
John C. Staley, Commissioner
Edmund J. Staley
Edmund J. Staley, County Clerk

Entered on transfer record this 27 day of
Jan. 1966
_____, County Clerk

We The Wichita Regional Building and Loan
Association, Wichita, Kansas mortgage on part
of the above described property, do hereby
consent to the Plat of L.R. JONES THIRD
ADDITION to Wichita Sedgwick County, Kansas.

James J. Staley
James J. Staley, Executive Vice President
Edmund J. Staley
Edmund J. Staley, Asst. Secretary

State of Kansas } ss.
County of Sedgwick }
As if remembered that on this 17 day
of December 1965 before me, a Notary Public
in and for said State and County, came Lewis
Remor, Executive Vice President, and G. B.
Hollinger, Assistant Secretary of the Wichita
Regional Building and Loan Association,
Wichita, Kansas to me personally known to be
the same persons who executed the foregoing
instrument of writing and duly acknowledged
the same as their voluntary act and deed and
the voluntary act and deed of said Association.

Marie M. Staley
Marie M. Staley } ss.
County of Sedgwick }
My commission expires: October 31, 1968

State of Kansas } ss.
County of Sedgwick }
This is to certify that this instrument
was filed for record in the Register of Deeds
Office this 24 day of Jan. 1966 at 1:30 o'clock
P. M. and is duly recorded.

Raymond E. Staley
Raymond E. Staley, Register of Deeds
Gerald A. Staley
Gerald A. Staley, Deputy

267-7-44