

Lat. 32, Main 1, Westlink Sewer
SANITARY SEWER IMPROVEMENTS
 to serve
Woodland Westfield 2nd Addition
 CITY OF WICHITA, KANSAS

Michael E. Lindobak, P.E. City Engineer

Project Number

468-88082

O.C.A. Number

745882

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

Cox Communications	262-0661
K.P.L. Gas Service Company	333-8650
Kansas Gas & Electric Company	383-8000
Peoples Gas Company	942-8350
Southwestern Bell Telephone Company	1-800-344-7233
City of Wichita Water Dept.	268-4908
City of Wichita Traffic Engineering	269-4446

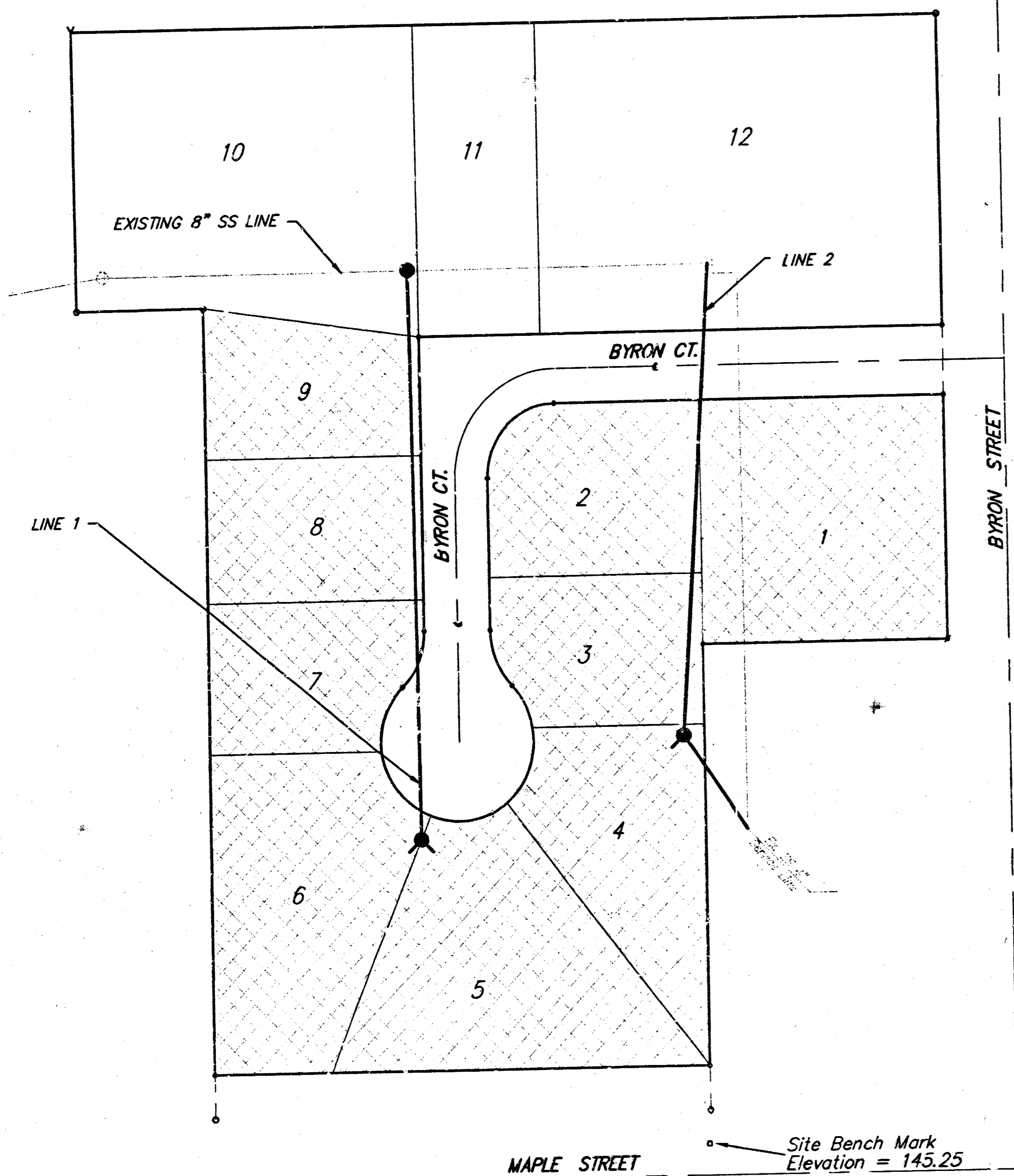
2. Underground utility service lines or overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

3. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction, and designated for removal on the plan sheet 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.

4. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.

5. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

6. All areas disturbed by construction operations shall be seeded with rye grass at a rate of 300 lb/acre immediately following construction in that area. Prior to seeding, area shall be prepared per City specs.



Sheet Index

Title Sheet	1
Lines 1 & 2	2
Standard Manhole Detail	3
Shallow Manhole Detail	4
Ring & Cover Detail	5
Copy of Plat	6

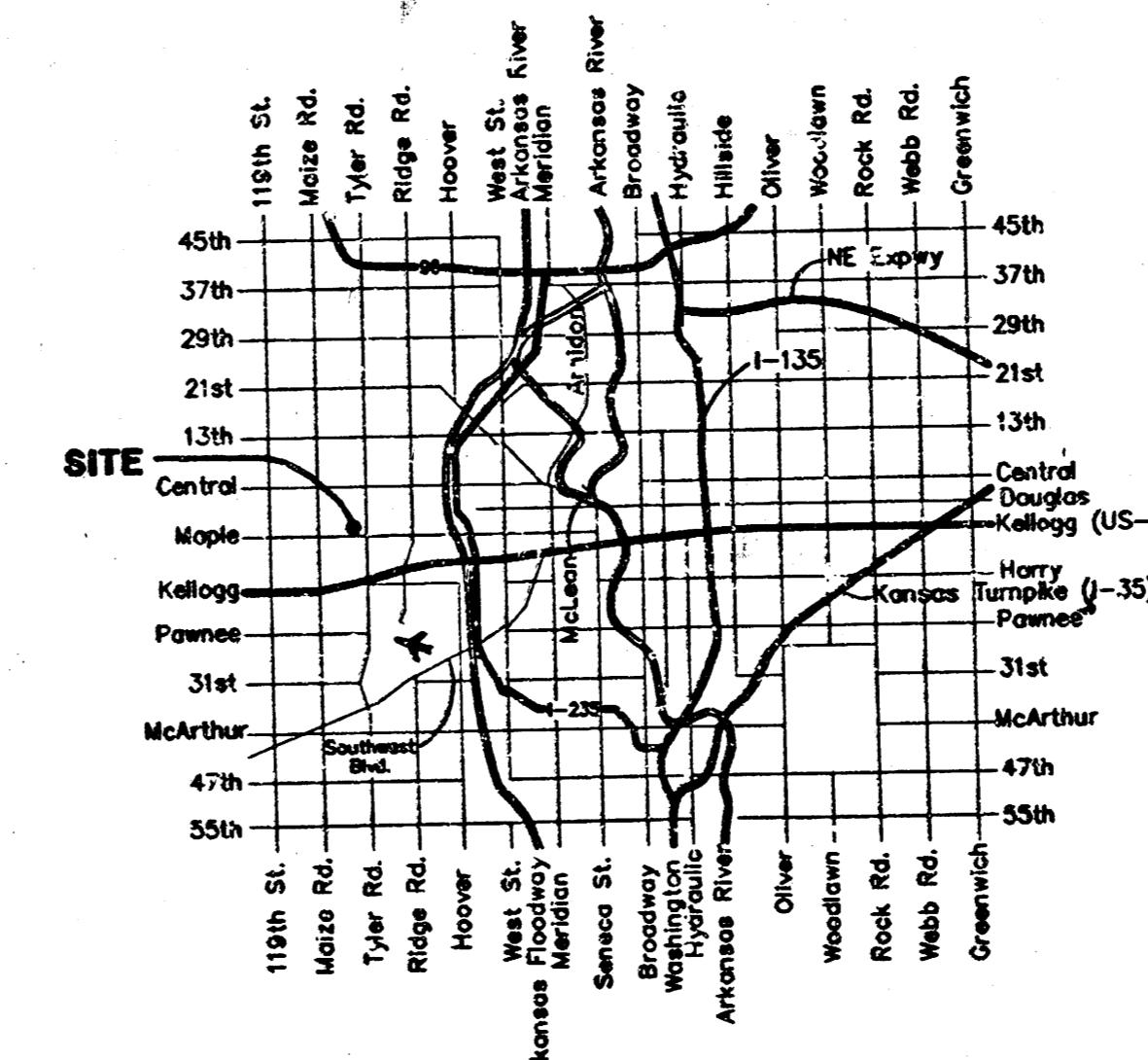
Benchmark

"□" Cut in Concrete Pad at SW Corner of Existing Garage on Lot 10, Block 1, Woodland Westfield 2nd Addition

Elev. = 148.62 City Datum

"□" Cut in Top of Curb Along Maple Street at SE Corner of Lot 5, Block 1, Woodland Westfield 2nd Addition

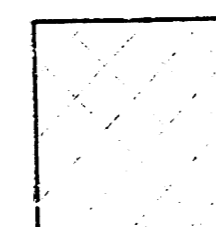
Elev. = 145.25 City Datum



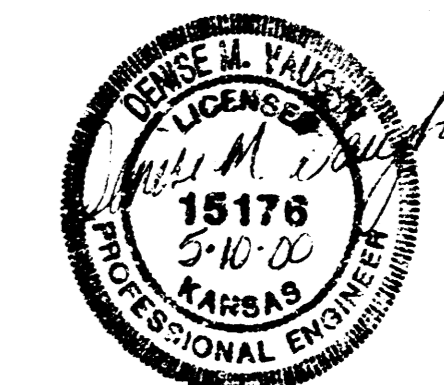
Vicinity Map

Scale: 1" = 50'

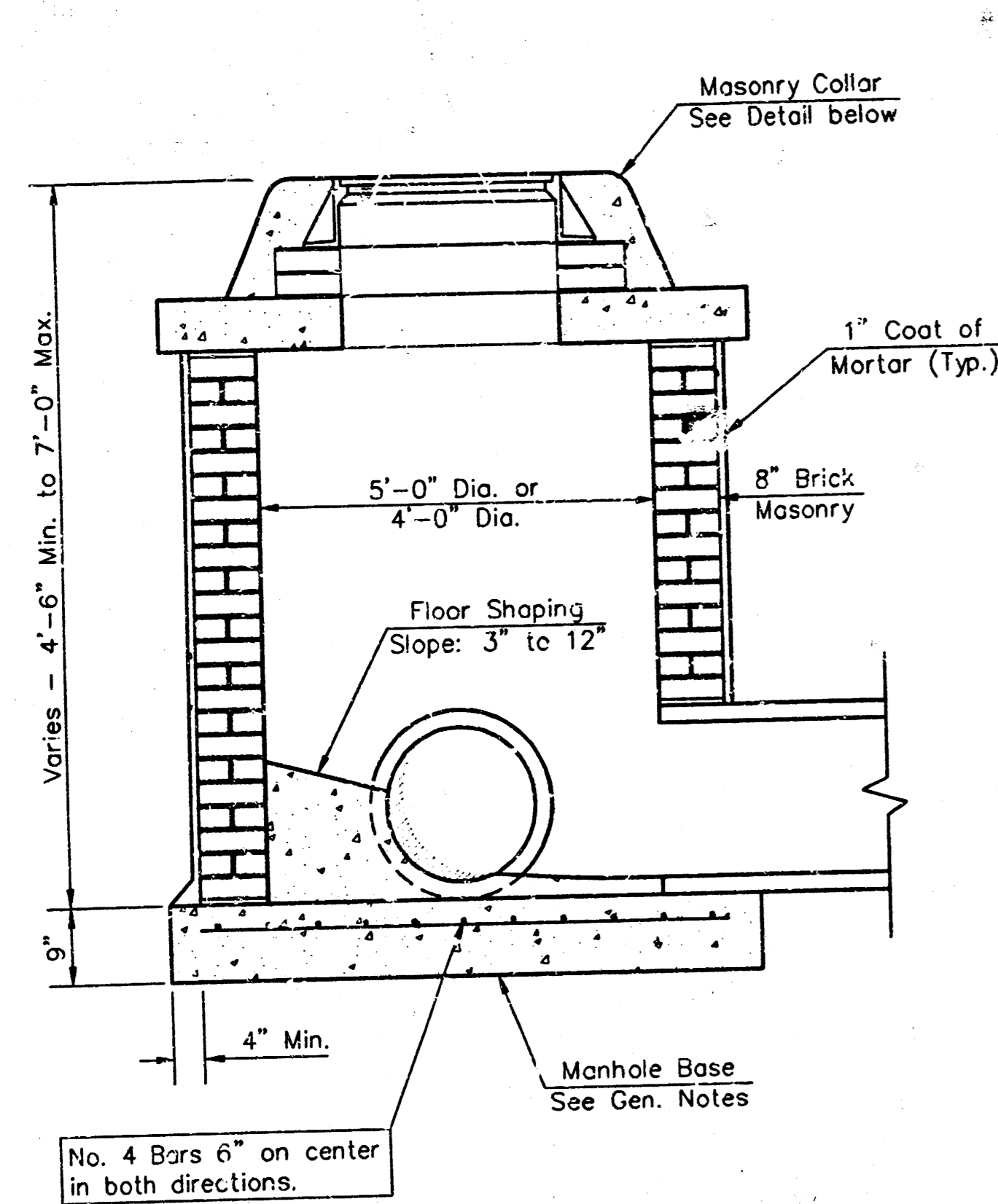
Benefit District



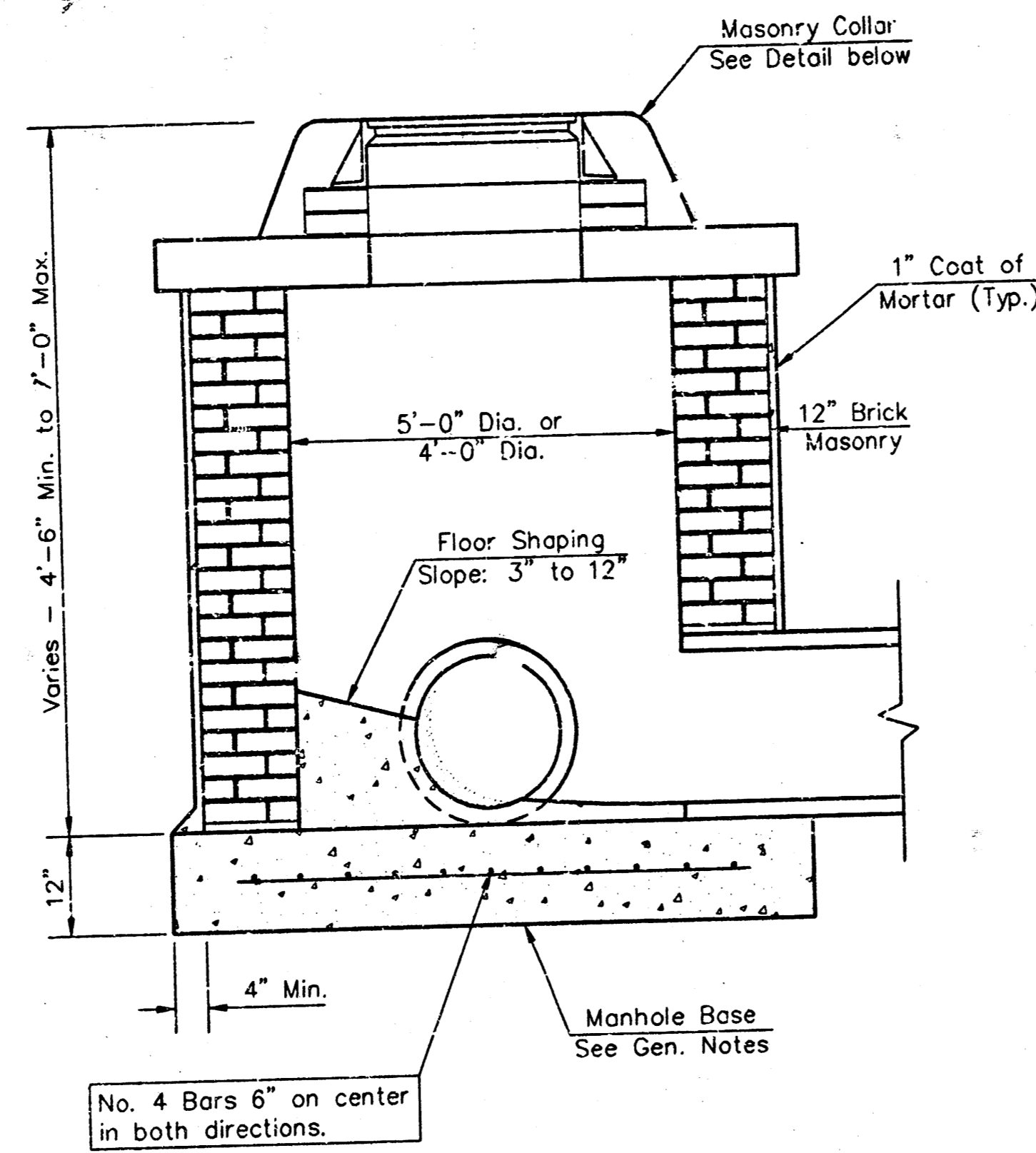
Booked
 P-140
 8-11-00
 R DL
 AS BUILT.



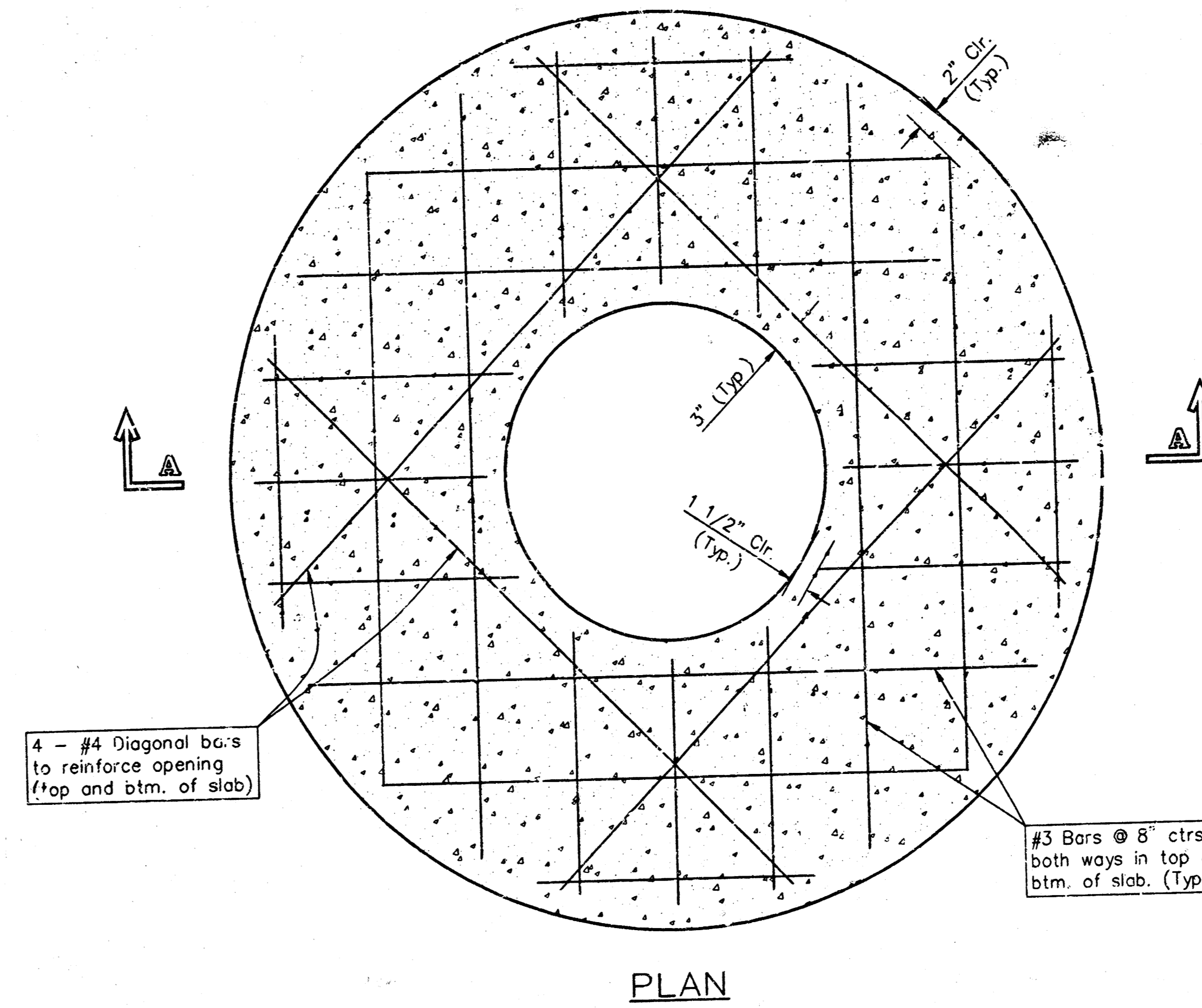
BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 316-262-7271 • WICHITA, KANSAS 67201



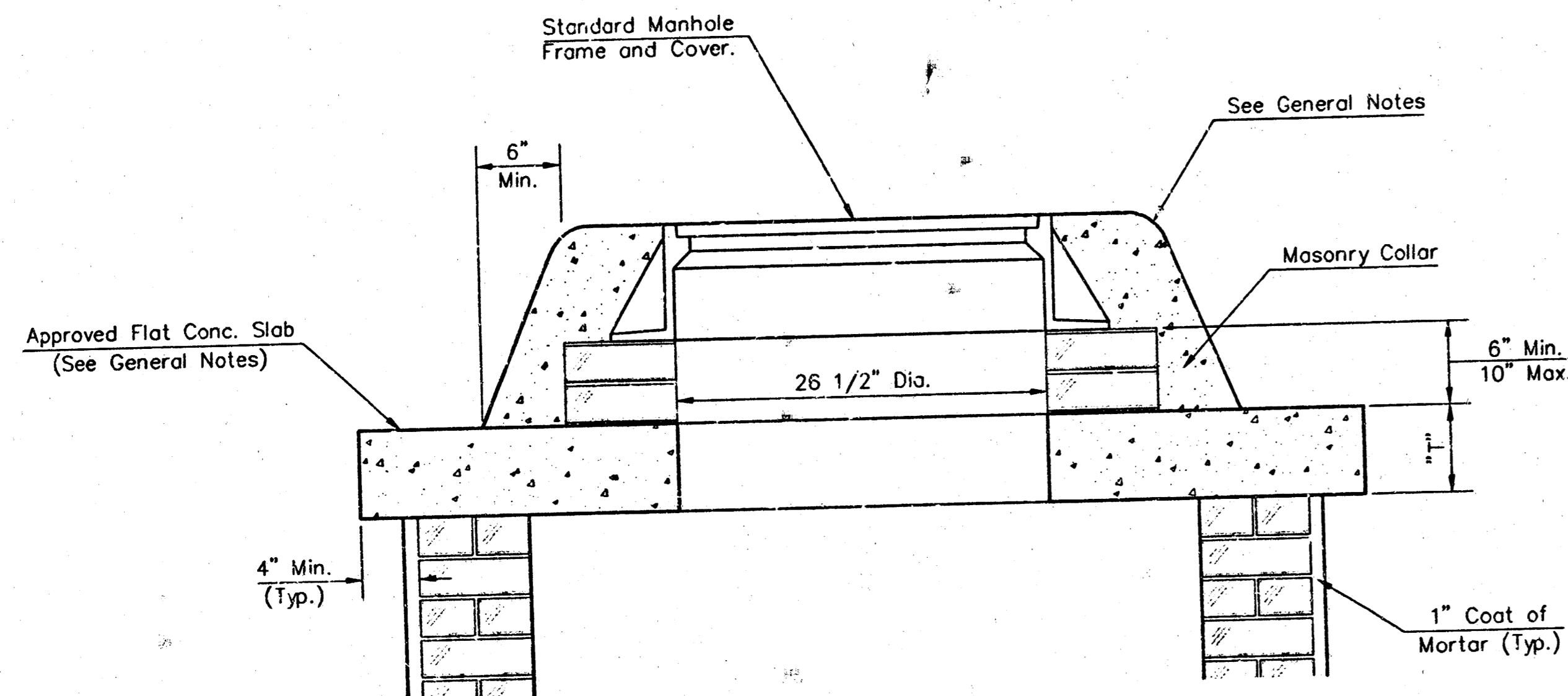
SHALLOW TYPE "A" MANHOLE



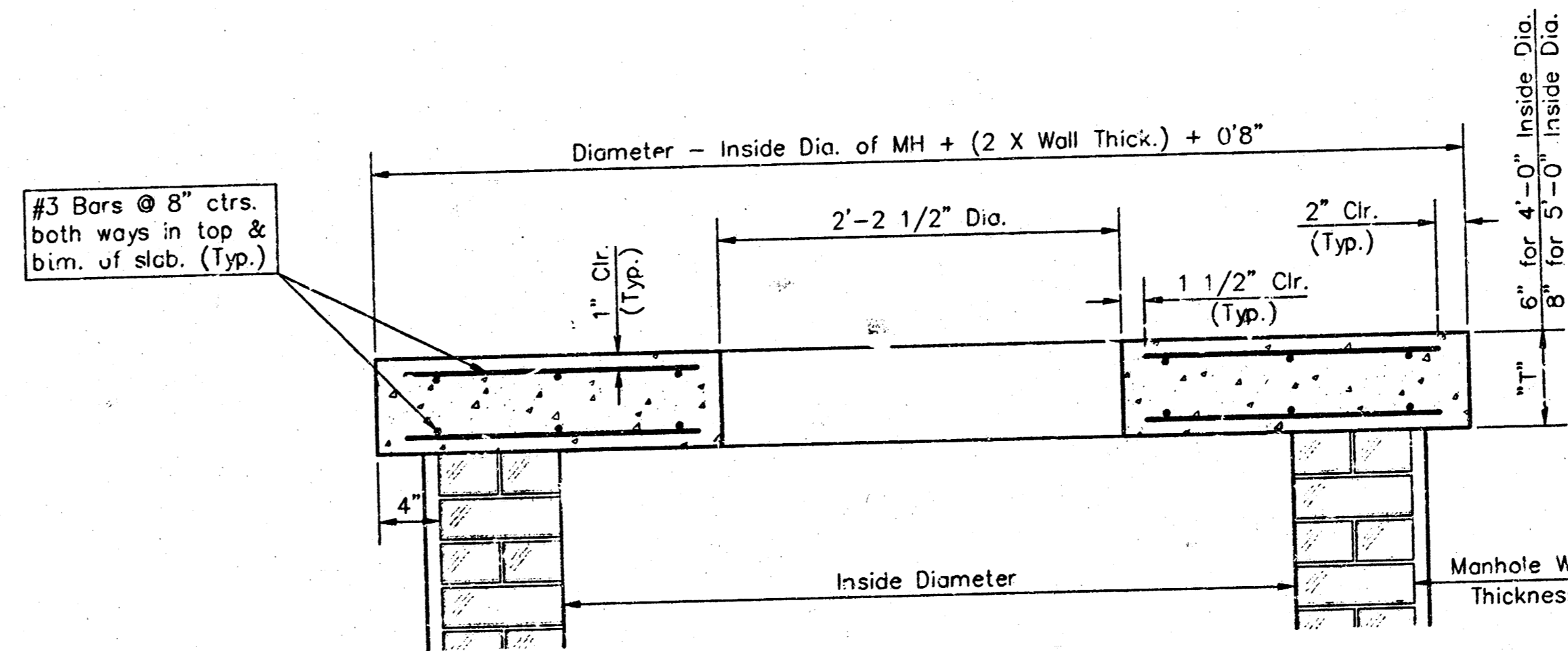
SHALLOW TYPE "B" MANHOLE



PLAN

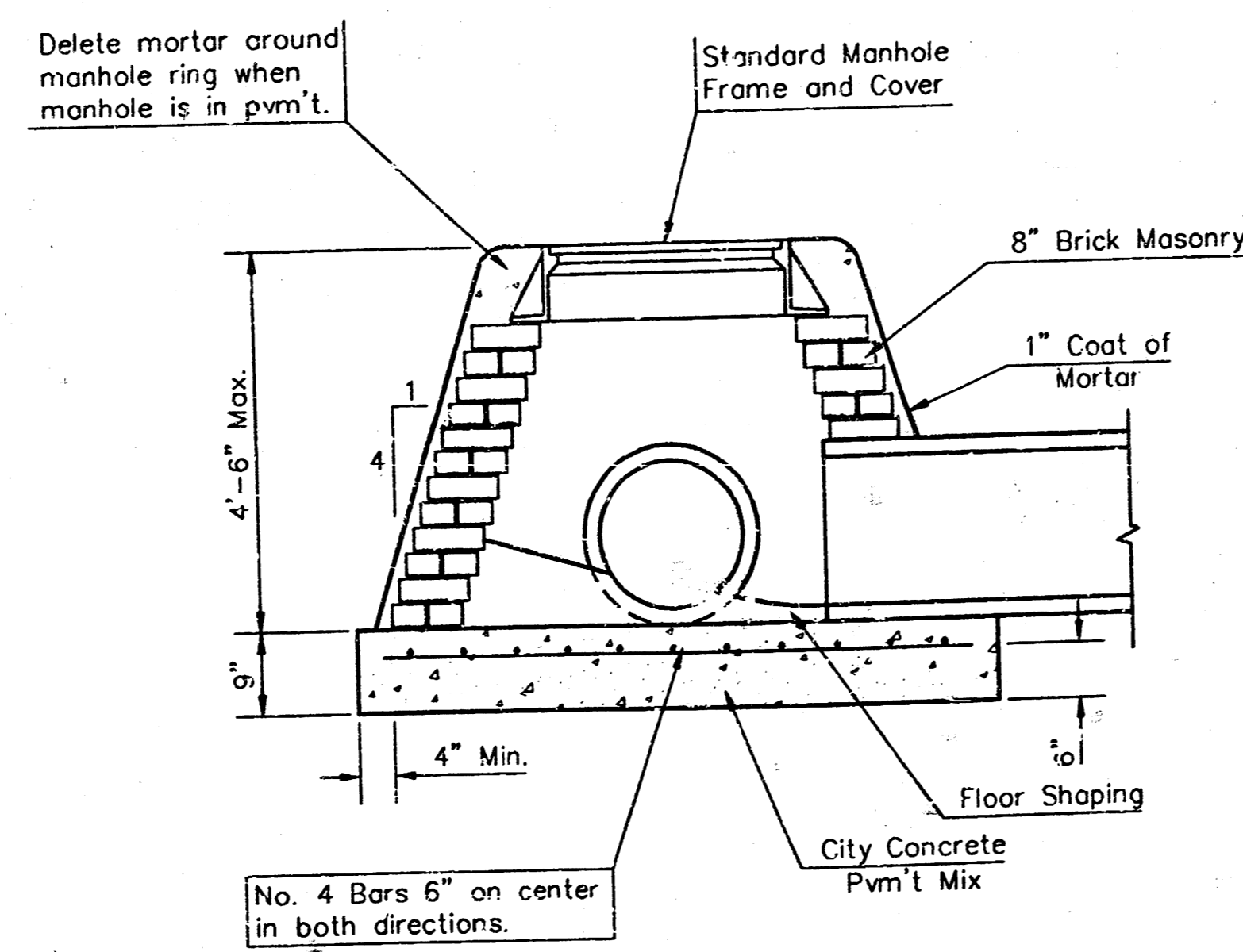


MASONRY COLLAR DETAIL

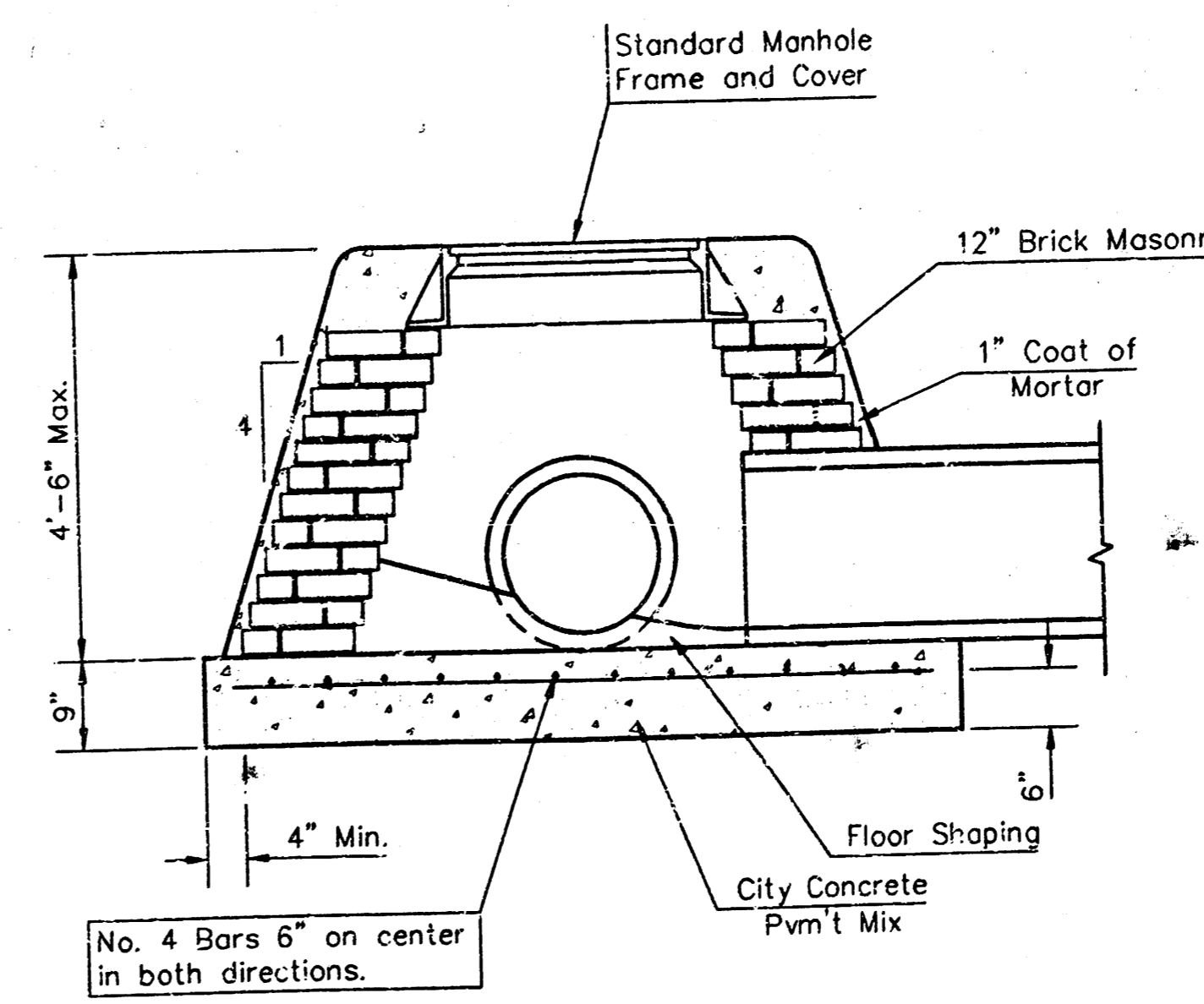


SECTION A-A

FLAT CONCRETE SLAB DETAILS



SPECIAL SHALLOW TYPE "A" MANHOLE



SPECIAL SHALLOW TYPE "B" MANHOLE

GENERAL NOTES

- 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. Type "A" shallow manholes can be used on sewers when the manhole is not located within public street pavement. 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.
- 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.
- 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.
- 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.
- 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.
- The crowns of inflowing pipes shall never be set lower than the crown of the outflowing pipe.
- Standard shallow manholes type "A" and "B" shall be paid for at the unit price bid per each for the type and diameter indicated. Standard special shallow manholes type "A" and "B" shall be paid for at the unit price bid per each for the type indicated. All standard shallow manhole diameters will be 4' unless indicated otherwise.
- All brick used in manhole construction shall meet Grade SW of ASTM C652 or C62-87.

Detail

St. BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
315-262-2271 • 315 ELLIS • WICHITA, KANSAS 67211

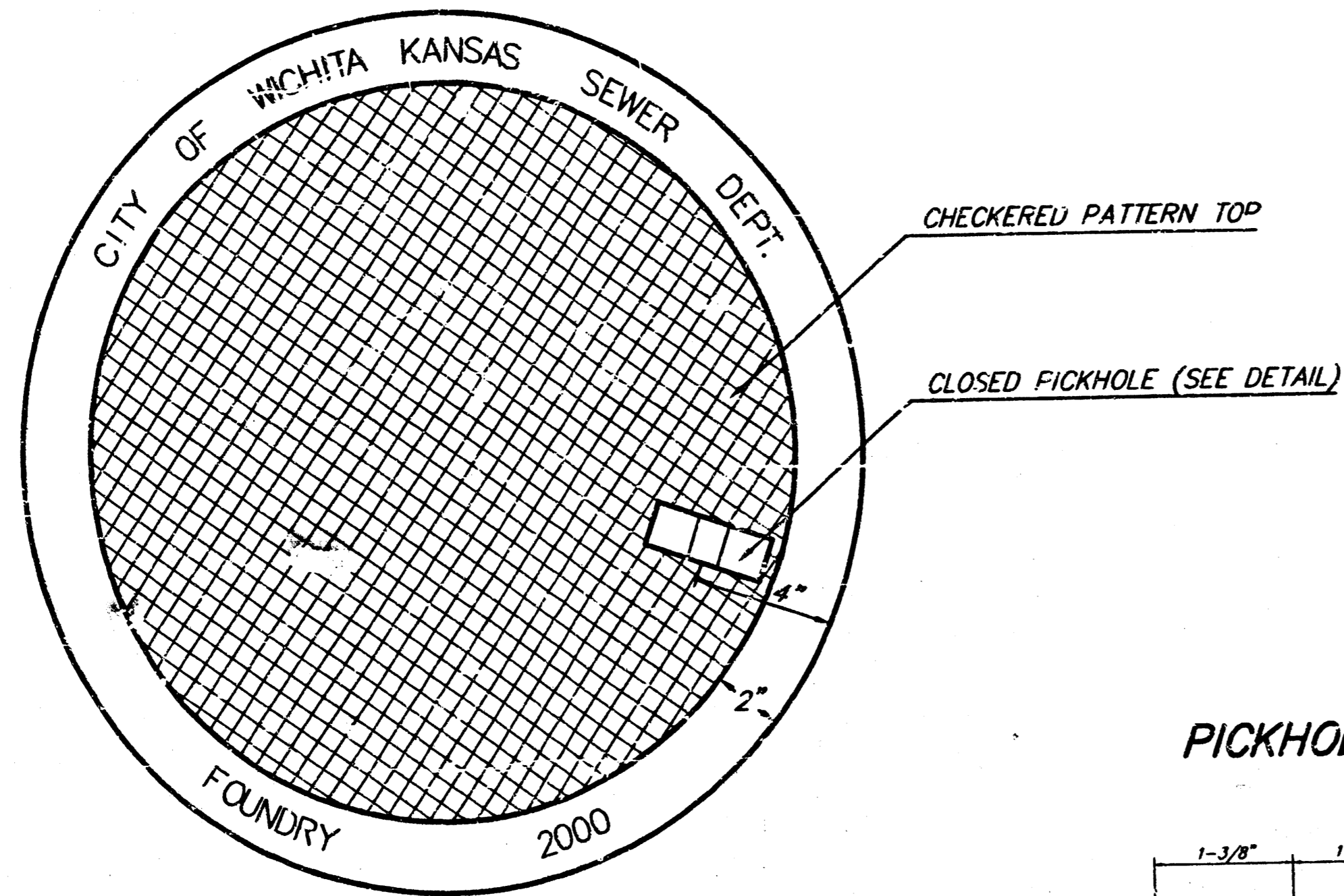
PROJECT NUMBER
468-83082

DESIGN C.O.W.	DRAWN Staff	APPROVED	DATE 4/00	SCALE NONE	SHEET 4 OF 6
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MANHOLE FRAME AND COVER DETAIL

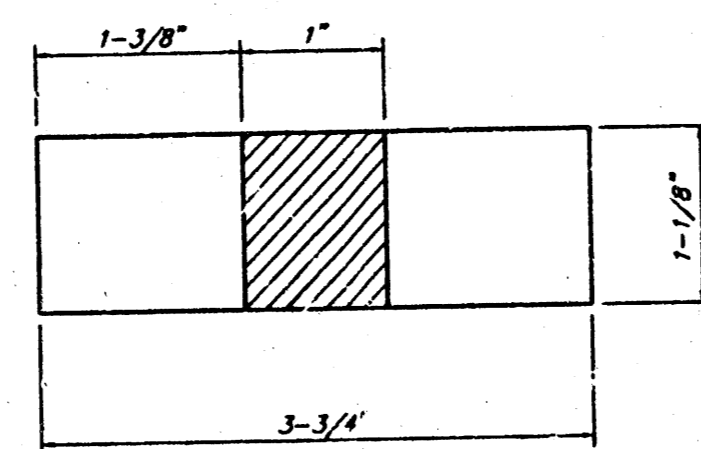
ADOPTED AS STANDARD DESIGN BY
CITY OF WICHITA, KANSAS

MANHOLE COVER
Weight = 180 Lbs.

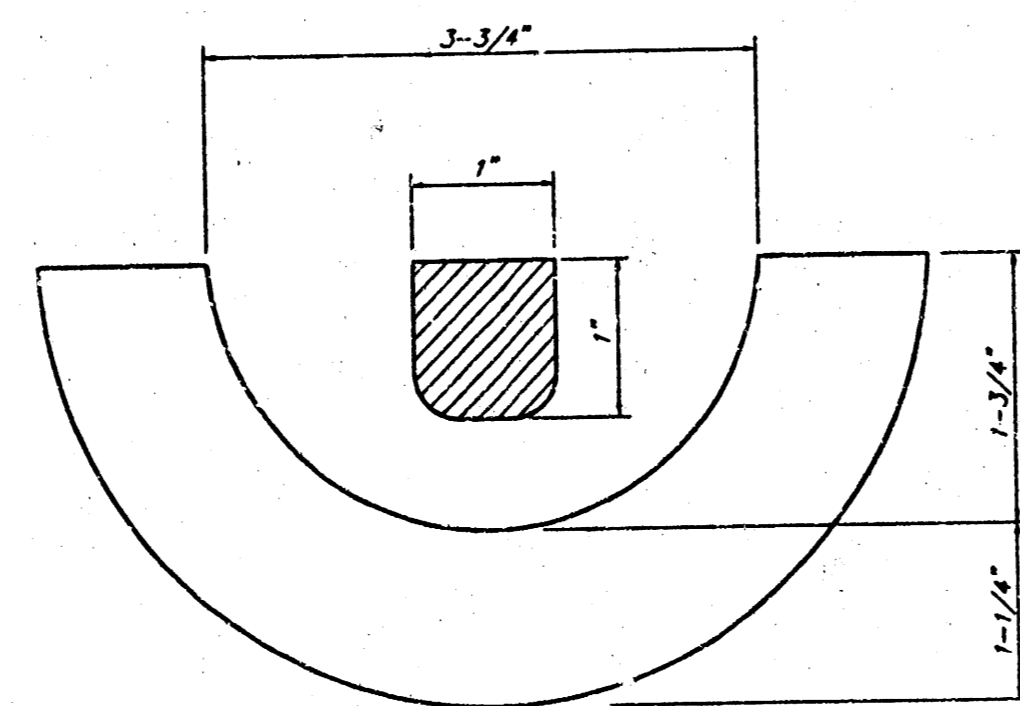


TOP VIEW

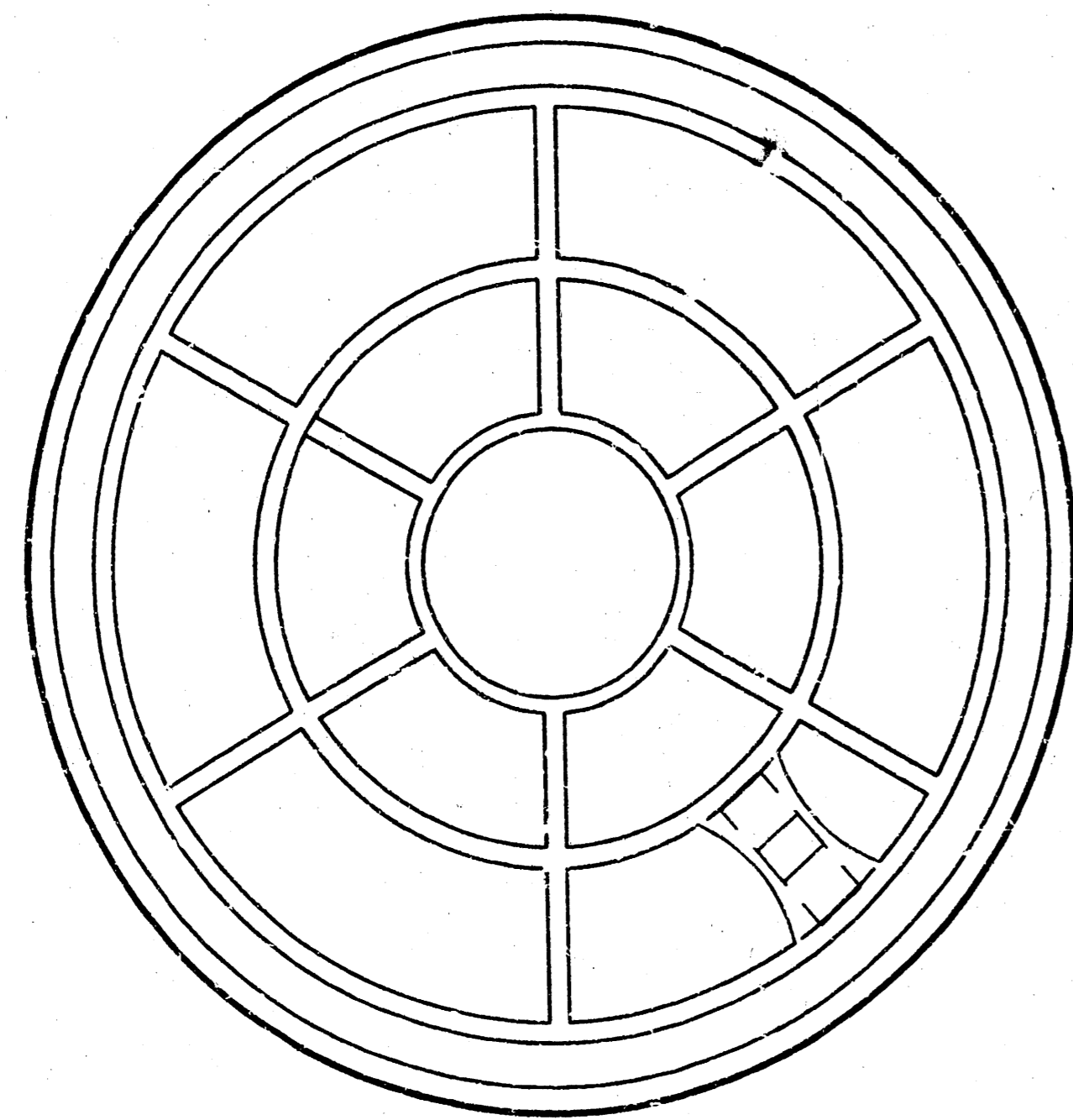
PICKHOLE DETAIL



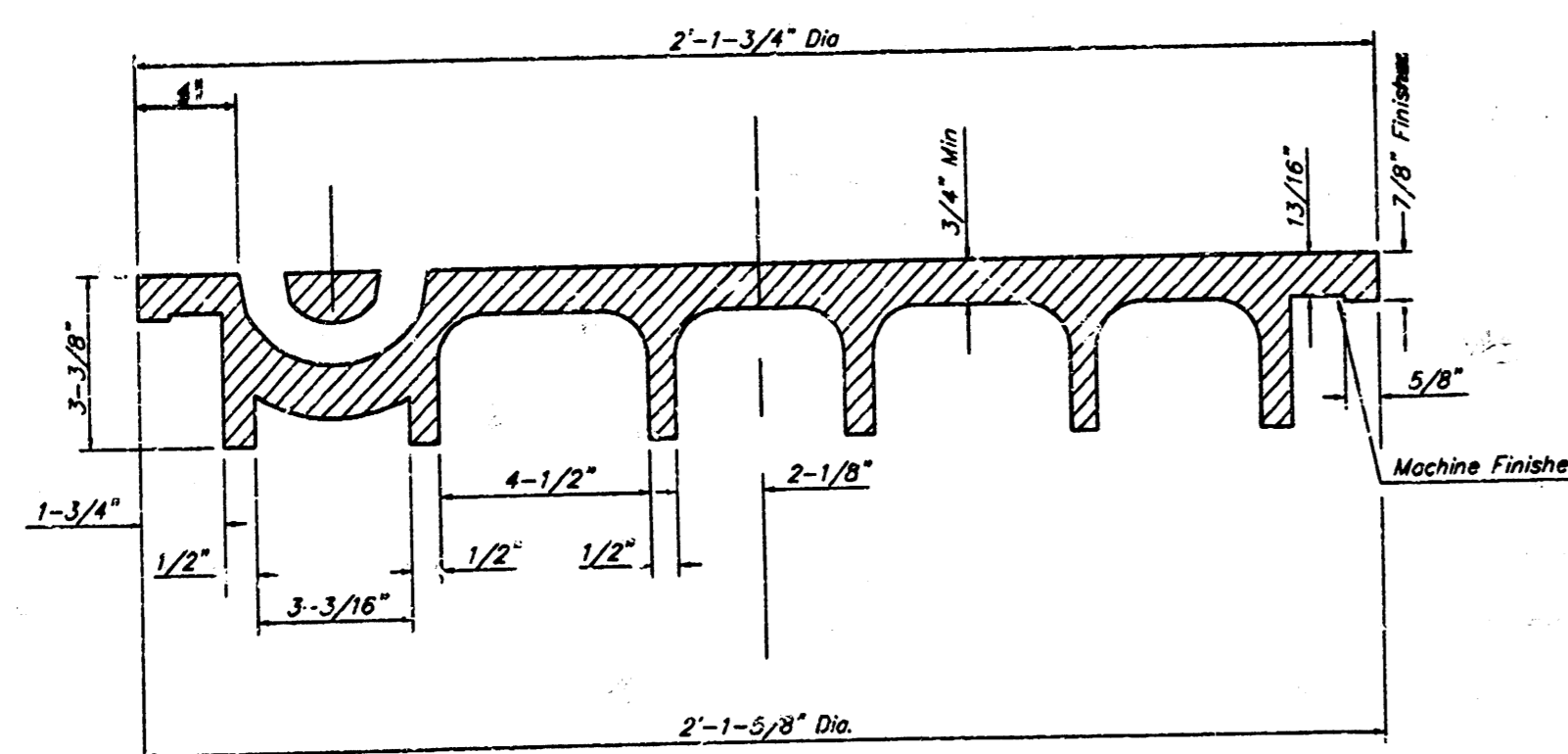
TOP VIEW



SECTION VIEW

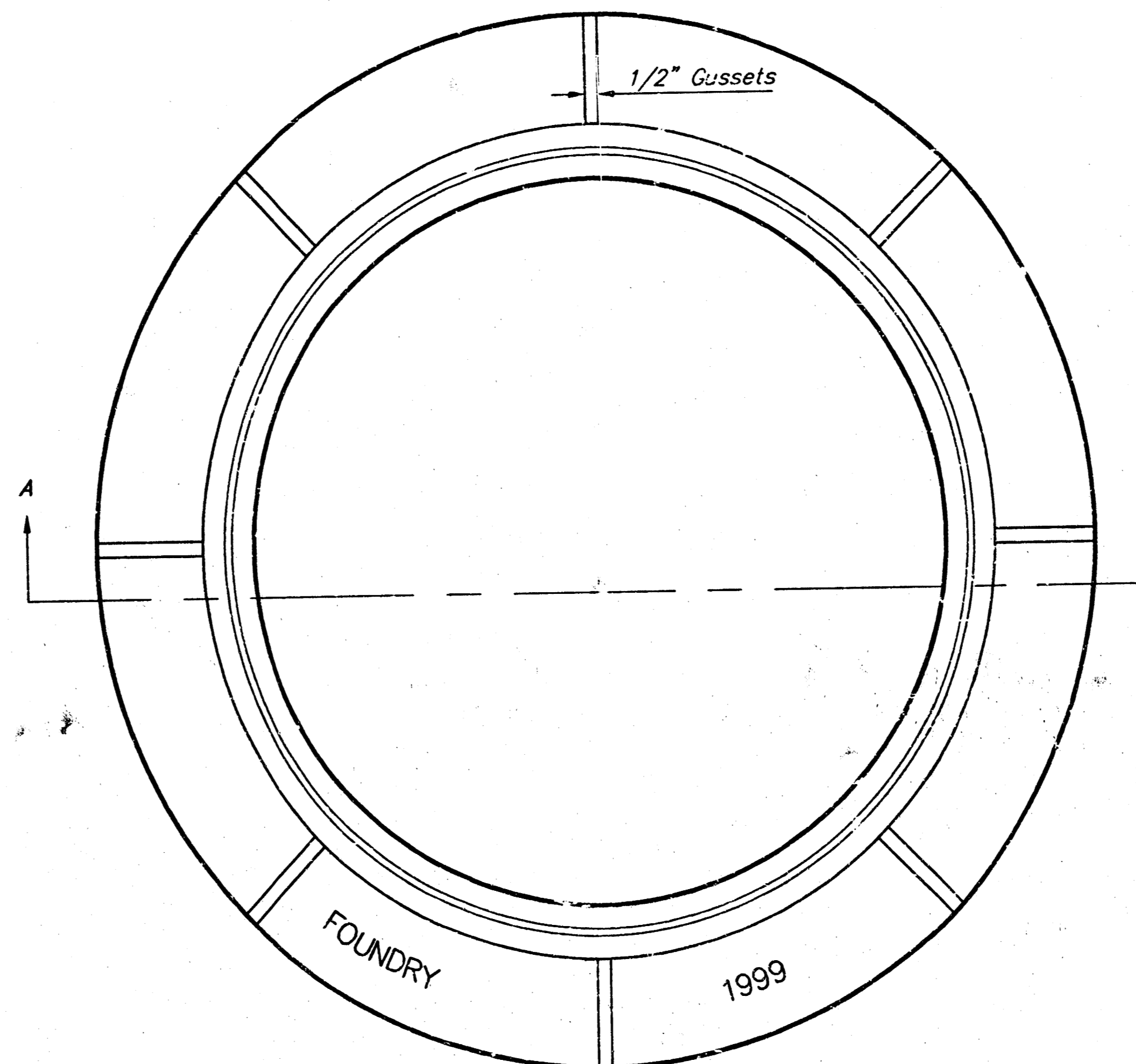


BOTTOM VIEW

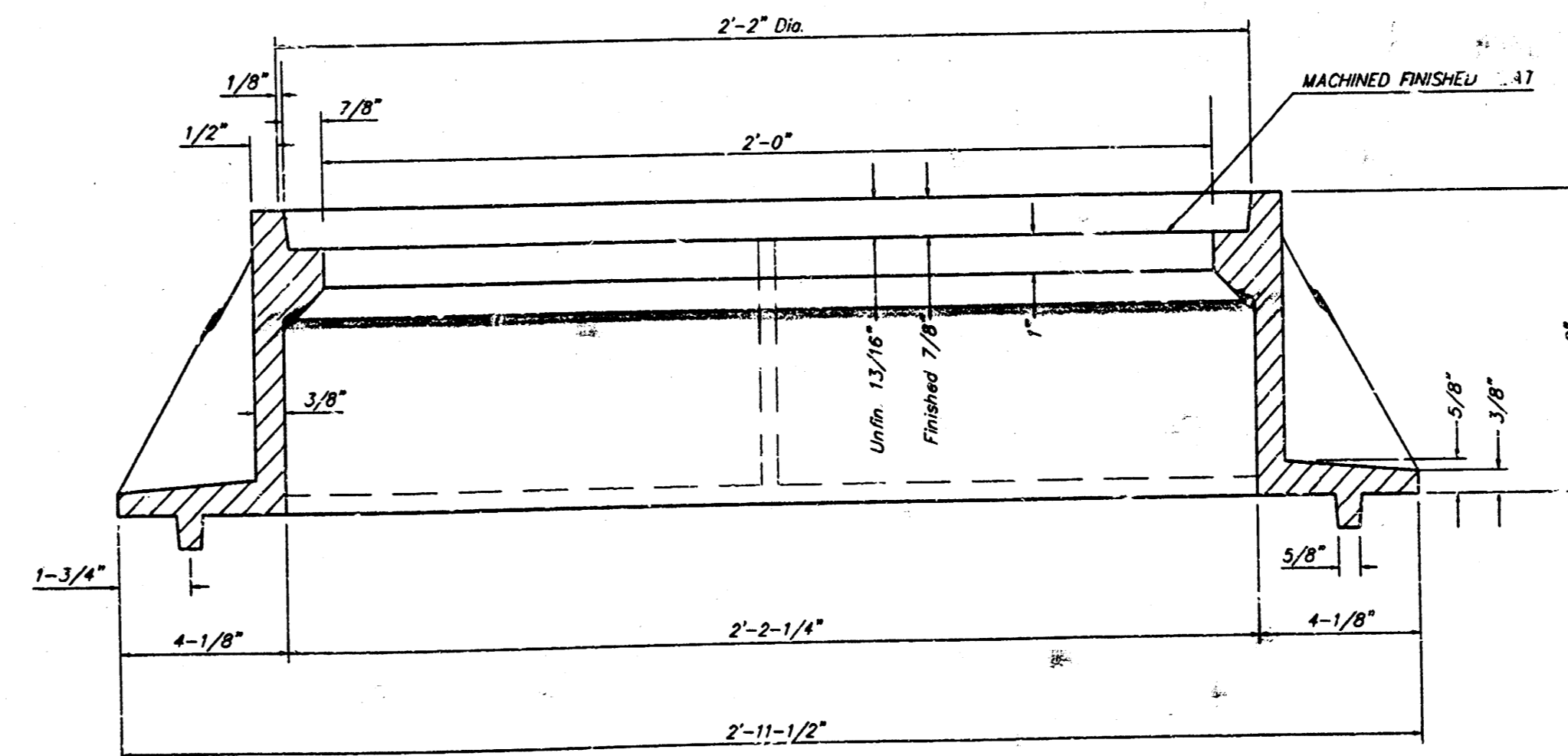


SECTION VIEW

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 WEIGHTS 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 "A" 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			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 488-83082		SHEET 5	
DESIGN STAFF	DRAWN STAFF	APPROVED DATE 4/00	SCALE NONE

WOODLAND WESTFIELD 2ND ADDITION

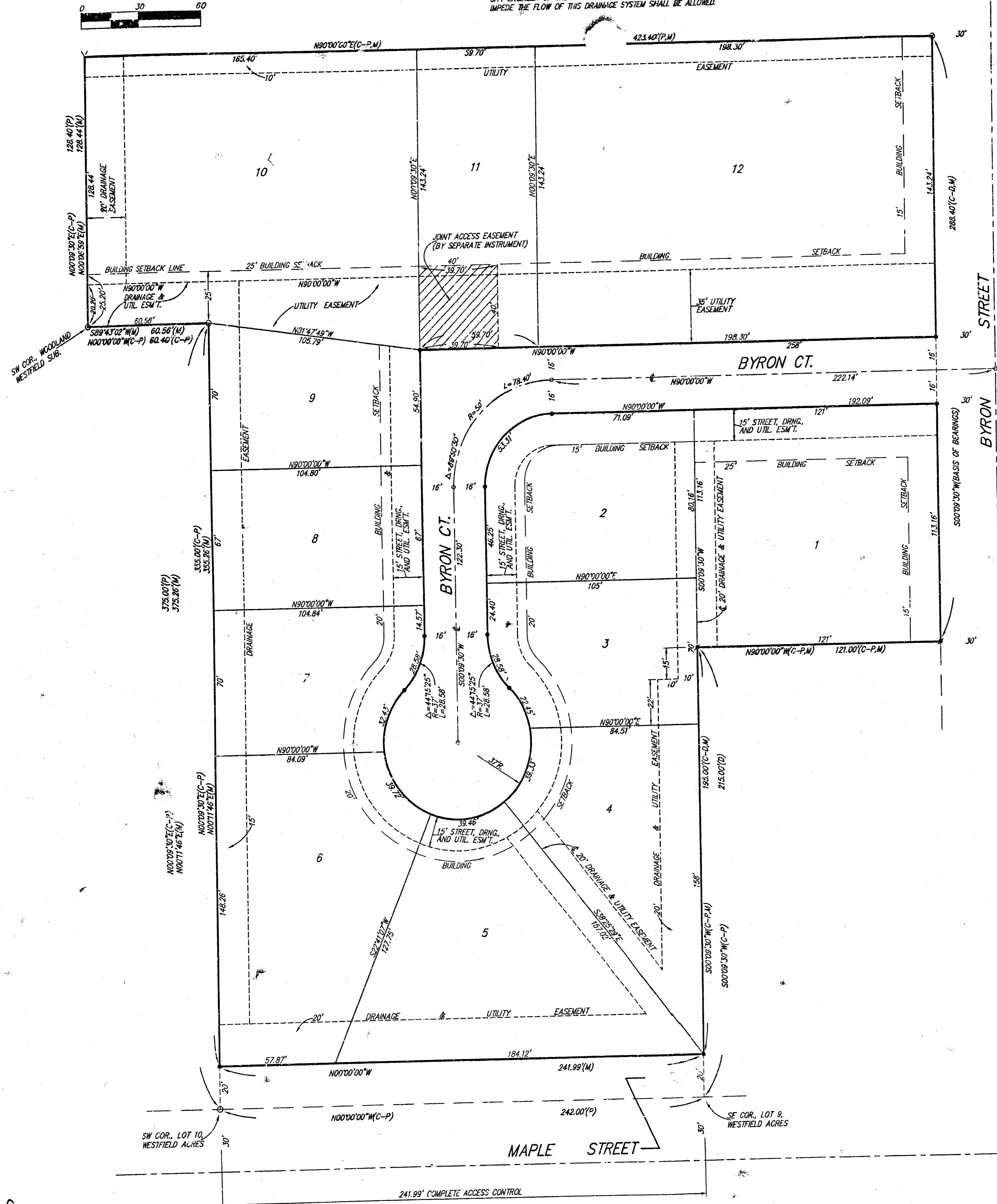
WICHITA, SEDGWICK COUNTY, KANSAS

- = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- ⊗ = 3/4" IRON (FOUND)
- = 1/2" IRON (FOUND)
- ∇ = 1" NOTCH IN FENCE POST FOOTING (FOUND)

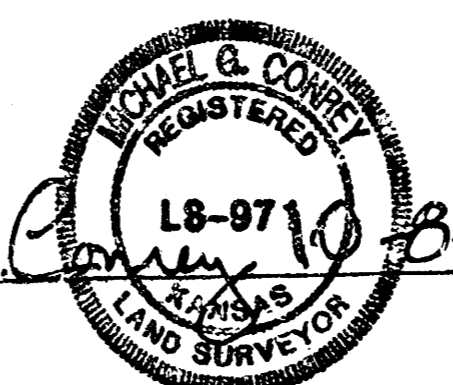
- (M) = MEASURED
- (D) = DESCRIBED
- (P) = PLATTED
- (C-P) = CALCULATED PER PLATTED INFO.
- (C-D) = CALCULATED PER DEED INFO.

NOTE:
DRAINAGE COVENANT AUTHORIZING THE DRAINAGE OF RUNOFF WATER (PLM 1996, PAGE 1440).

NOTE:
A MASTER GRADING PLAN FOR DRAINAGE HAS BEEN DEVELOPED FOR THIS SUBDIVISION AND IS ON FILE WITH THE CITY OF WICHITA, KANSAS. ALL DRAINAGE EASEMENTS, RIGHTS-OF-WAY, OR RESPECTS SHALL REMAIN AT ESTABLISHED GRADES OR AS MODIFIED WITH THE APPROVAL OF THE CITY ENGINEER OF THE CITY OF WICHITA, KANSAS. NO OBSTRUCTIONS WHICH IMPEDE THE FLOW OF THIS DRAINAGE SYSTEM SHALL BE ALLOWED.



State of Kansas) SS
Sedgwick County) SS
We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "WOODLAND WESTFIELD 2ND ADDITION", to Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as and being a replat of Lot 9, Lot 10, and Lot 8, except the south 215.00 feet thereof, Westfield Acres, Sedgwick County, Kansas, TOGETHER with Lot 1 and Lot 2, Woodland Westfield Subdivision, Wichita, Kansas.
Existing easements and dedications being vacated by virtue of K.S.A. 12-512(b).
All being situated in the SE 1/4 of Sec. 20, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas.
Baughman Company, P.A.

Michael D. Conroy
Michael & Conroy
 Surveyor

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into Lots and Streets to be known as "WOODLAND WESTFIELD 2ND ADDITION", Wichita, Sedgwick County, Kansas. The street, drainage, and utility easements are hereby granted as indicated for street related purposes, for drainage purposes, and for the construction and maintenance of all public utilities. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage and utility easements are hereby granted as indicated for all public drainage purposes and for the construction and maintenance of all public utilities. The drainage easements are hereby granted as indicated for drainage purposes. The streets are hereby dedicated to and for the use of the public. All abutters rights of access to or from Maple Street over and across the south line of Lots 4, 5, and 6 are hereby granted to the City of Wichita, Kansas.

Harold & Julia Wood Trust under Revocable Trust Agreement dated June 10, 1999

Harold P. Wood, Jr.
Harold P. Wood, Jr., Trustee

Julia B. Wood
Julia B. Wood a/k/a Julia T. Wood, Trustee

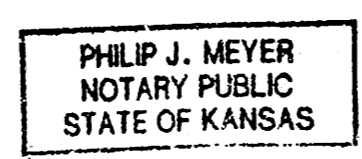
Harold P. Wood
Harold P. Wood a/k/a Harold P. Wood, Jr.

Julia T. Wood
Julia T. Wood

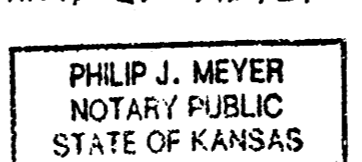
Brad A. Noakes
Brad A. Noakes

Winifred W. Nookes
Winifred W. Nookes

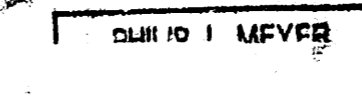
State of Kansas) SS
Sedgwick County) SS
The foregoing instrument acknowledged before me, this 11th day of OCTOBER, 1999, by Harold P. Wood, Jr. and Julia B. Wood a/k/a Julia T. Wood, Trustees of the Harold & Julia Wood Trust under Revocable Trust Agreement dated June 10, 1999, on behalf of the trust.

Philip J. Meyer
Philip J. Meyer, Notary Public
My App't. Exp. 5/5/01


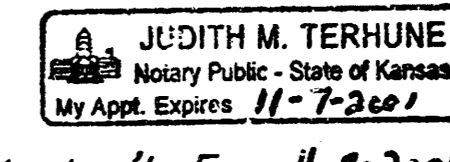
State of Kansas) SS
Sedgwick County) SS
The foregoing instrument acknowledged before me, this 11th day of OCTOBER, 1999, by Harold P. Wood a/k/a Harold P. Wood, Jr. and Julia T. Wood, husband and wife.

Philip J. Meyer
Philip J. Meyer, Notary Public
My App't. Exp. 5/5/01


State of Kansas) SS
Sedgwick County) SS
The foregoing instrument acknowledged before me, this 11th day of OCTOBER, 1999, by Brad A. Noakes and Winifred W. Nookes, husband and wife.

Philip J. Meyer
Philip J. Meyer, Notary Public
My App't. Exp. 5/5/01


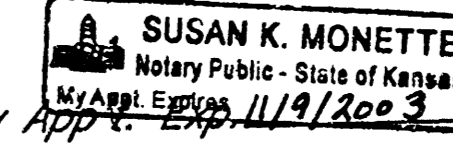
We the undersigned holders of a mortgage on the above described property, do hereby consent to this plat of "WOODLAND WESTFIELD 2ND ADDITION", Wichita, Sedgwick County, Kansas.
INTRUST Bank, N.A.

Brent A. Graves
Brent A. Graves, V.P.
 Judith M. Terhune, Notary Public
My App't. Exp. 11-7-2001

We the undersigned holders of a mortgage on the above described property, do hereby consent to this plat of "WOODLAND WESTFIELD 2ND ADDITION", Wichita, Sedgwick County, Kansas.
Bank of America, N.A.

Teresa Wallweber
Teresa Wallweber, Vice-President

State of Kansas) SS
Sedgwick County) SS
The foregoing instrument acknowledged before me, this 13th day of DECEMBER, 1999, by TERESA WALLWEBER, V.P. of Bank of America N.A., on behalf of the corporation.

Susan K. Monette
Susan K. Monette, Notary Public
My App't. Exp. 11/9/2003


This plat of "WOODLAND WESTFIELD 2ND ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
Dated this 24th day of June, 1999.
Wichita-Sedgwick County Metropolitan Area Planning Commission

William M. Johnson
William M. Johnson, Chairman

Marvin S. Knout
Marvin S. Knout, Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 7th day of March, 1999, 2000.

Bob Knight
Bob Knight, Mayor

Pat Burnett
Pat Burnett, City Clerk

Reviewed in accordance with K.S.A. 58-2005 on this 4th day of April, 2000.

Tricia L. Robello
Tricia L. Robello, LS #1246
Deputy County Surveyor
Sedgwick County, Kansas

Entered on transfer record this 24th day of April, 2000.
James Aford
James Aford, County Clerk

State of Kansas) SS
Sedgwick County) SS
This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 25th day of April, 2000, at 9:17 o'clock A.M. and is duly recorded.

Bill Meek
Bill Meek, Register of Deeds

Linda Kizzire
Linda Kizzire, Deputy

1881209 10-08-01-12 BAUGHMAN COMPANY P.A. 6/6