

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

Michael E. Lindelak, P.E. City Engineer

Project Number

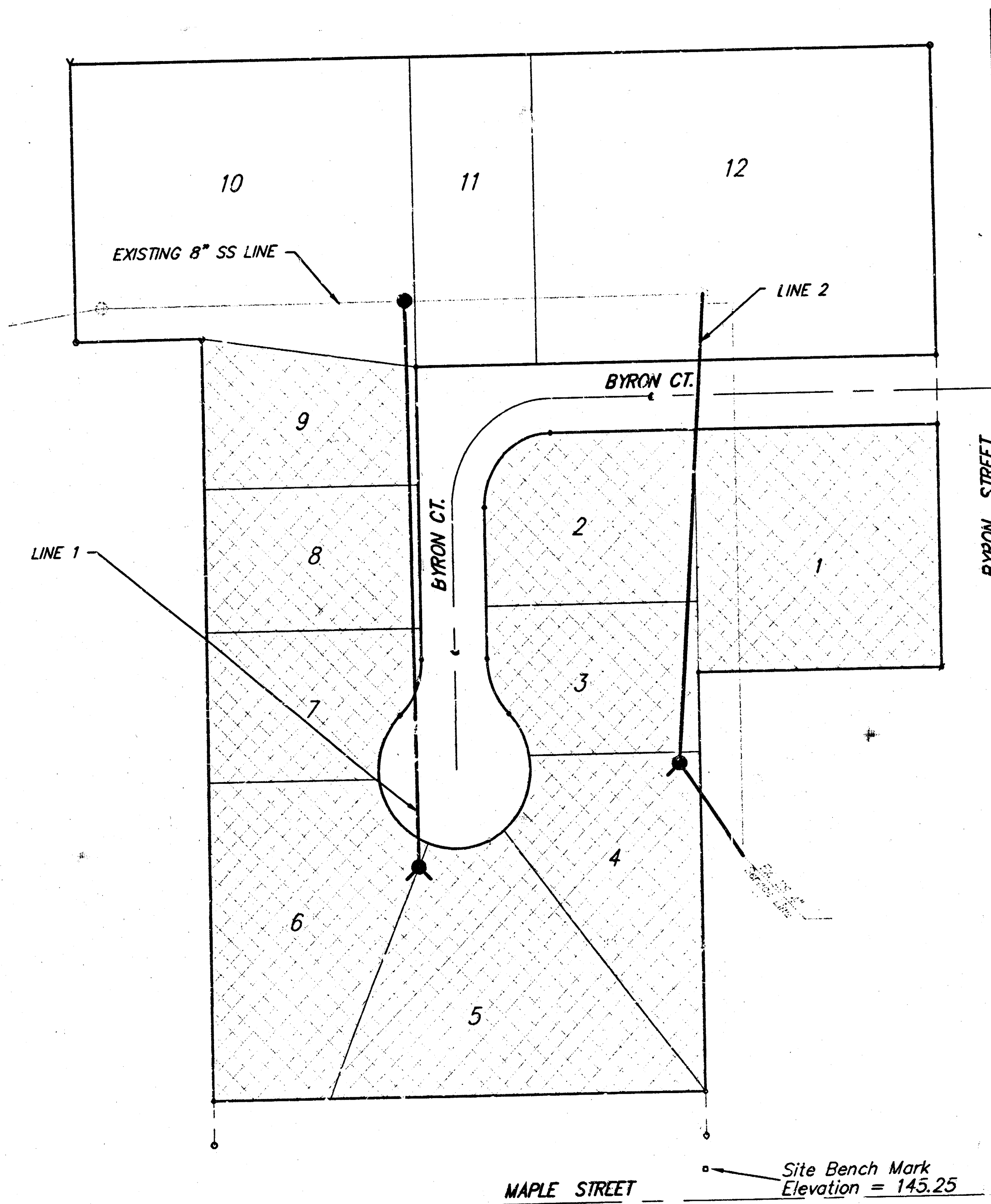
468-88082

O.C.A. Number

745882

GENERAL NOTES:

- 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
- 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.
- 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.
- 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.
- 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.
- 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

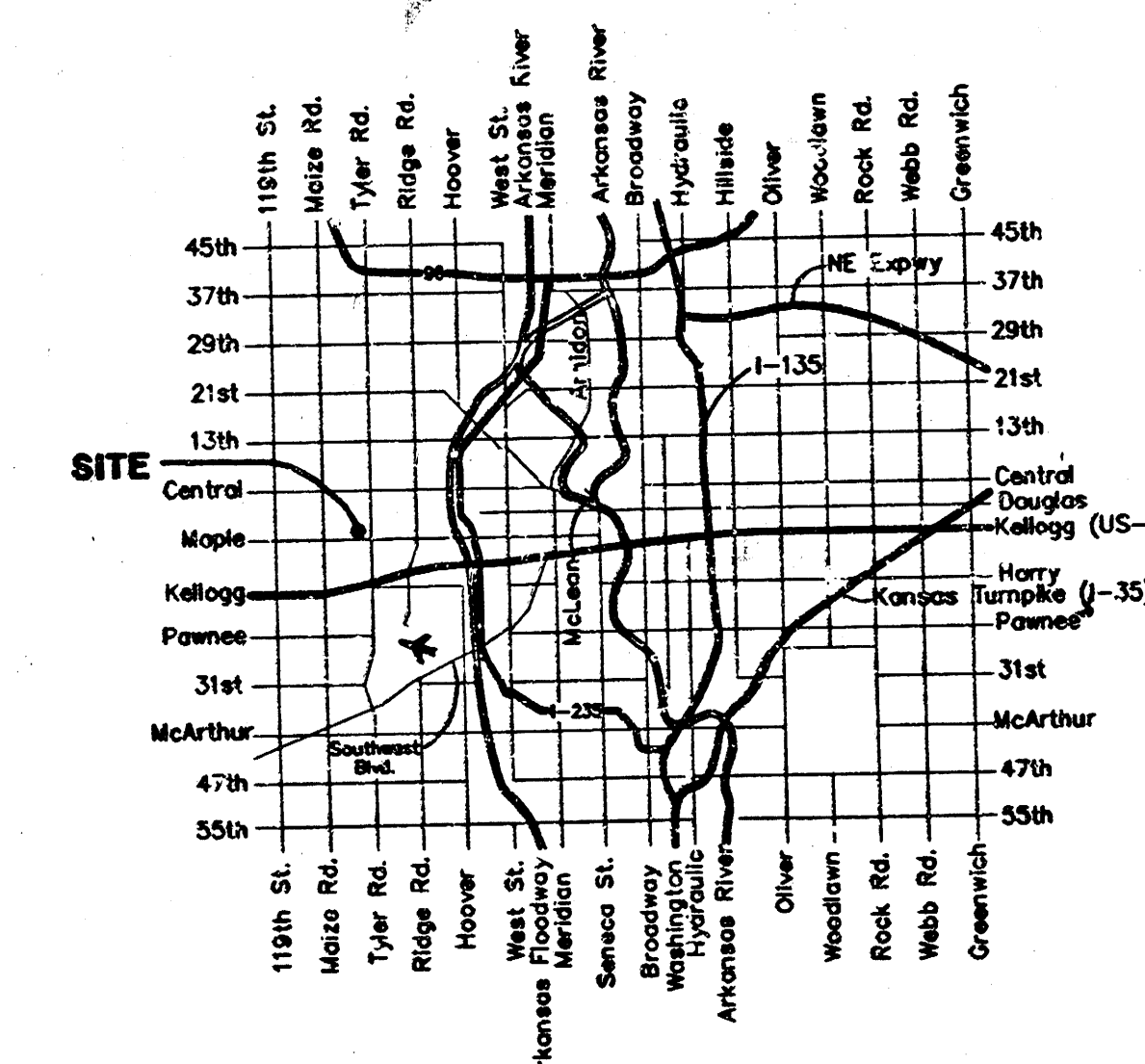
Benchmark

"□" 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

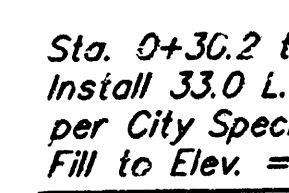


"□" Cut in Concrete Pad at SW
Corner of Existing Garage on Lot
10, Block 1, Woodland Westfield
2nd Addition

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



Sta. 2+64.0, End Line 1
Construct Shallow Manhole.
2-4" Stubs (SE,SW)
Top Elev. = 147.50

*Sta. 0+00, Begin Line 2
Remove Existing 4" Service
Line and Core Into Existing
Manhole for 8" Pipe. Seal
and Grout Watertight.
Maintain Continuous Flow
From Service Line Until New
Service Line can be
Connected as Shown.*

0+70.6 Const. 8" Cleamout Riser Assembly
1- 4" wye NE s/s 0+68.0
Top Elev = 147.40

Scale:
1" = 40'
● = Iron

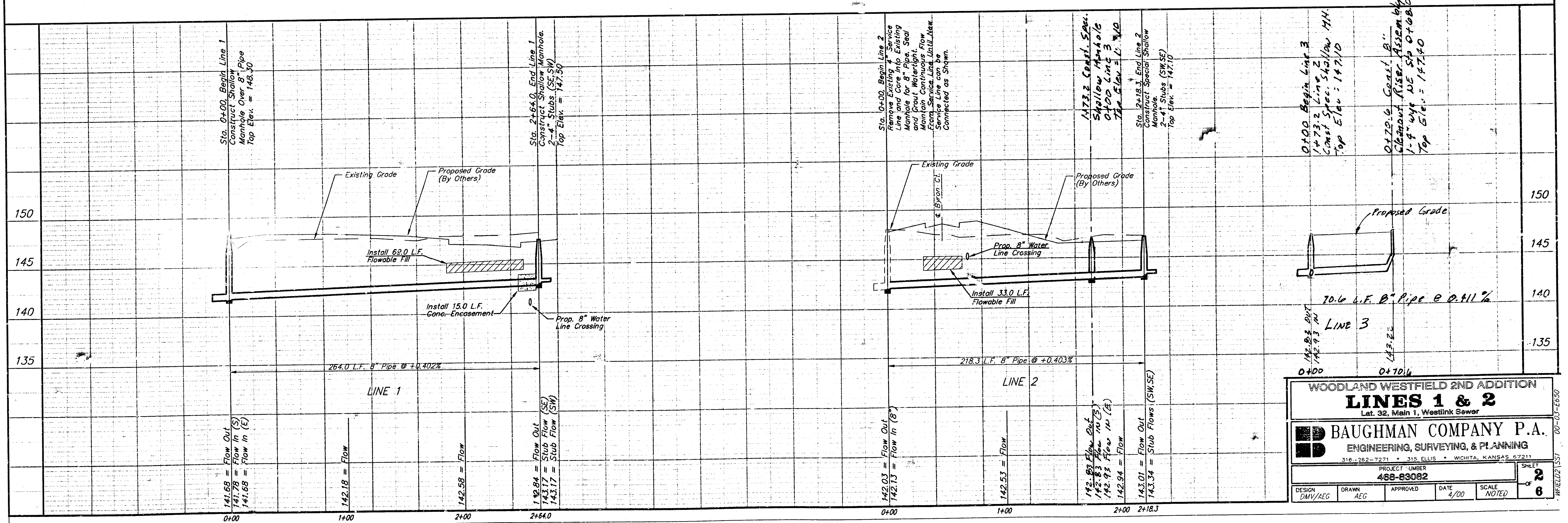
Disconnecting, Reconnecting, and Abandonment of Existing 4" Service Line, Along with All Necessary Arrangements for Maintaining Continuous Sewer Flow Shall be Incidental to Project Cost.

Connect Existing 4" Service Line to 8" Pipe and Abandon 4" Service Line to Manhole. Contractor shall be Responsible for Maintaining Continuous Service Through Construction Until New Service Line can be Connected.

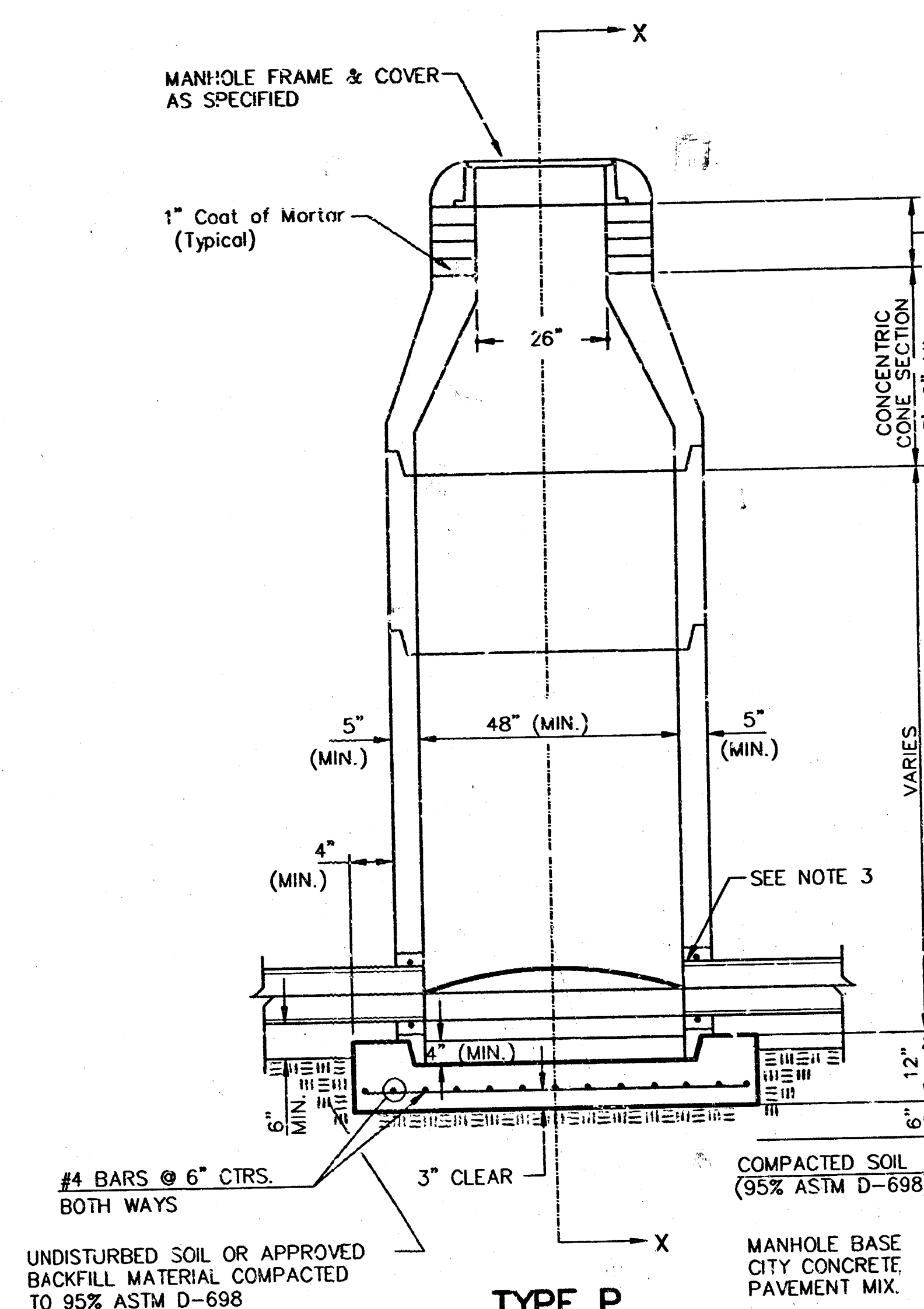
connected to Line 3

Contractor Shall Remove Existing Trees Only if Designated on Plan. If Additional Trees Need to be Removed for Construction, Contractor Shall Contact Engineer Prior to any Removal. All Other Trees shall be Protected from Damage During Construction. Cost of Tree Removal Shall be Included in Bid Item "Site Clearing and Restoration."

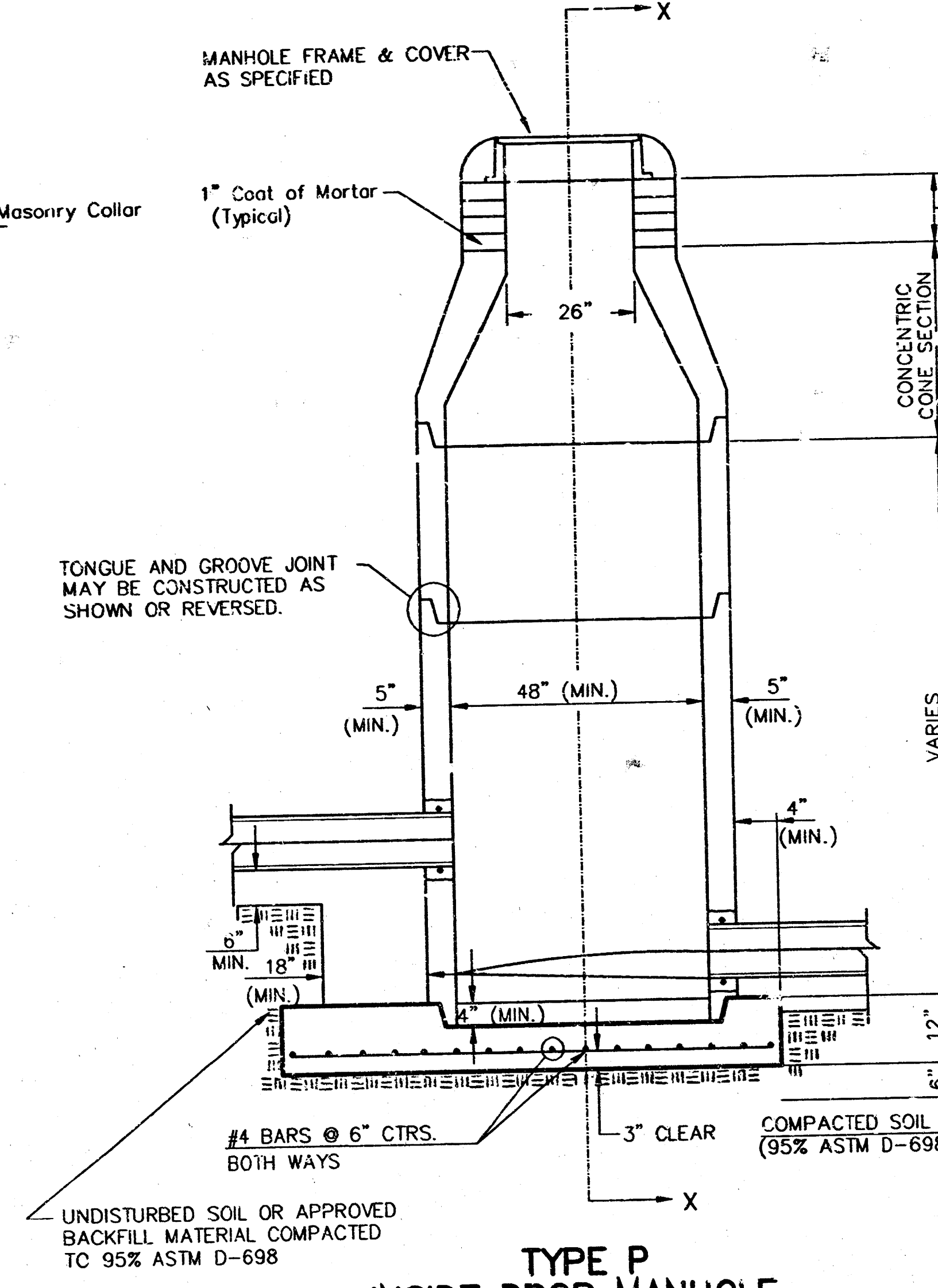
2ND ADDITION
1473.2 Const. Spec. Shallow Manhole
D+00 Line 3
Top Elev = 147.10



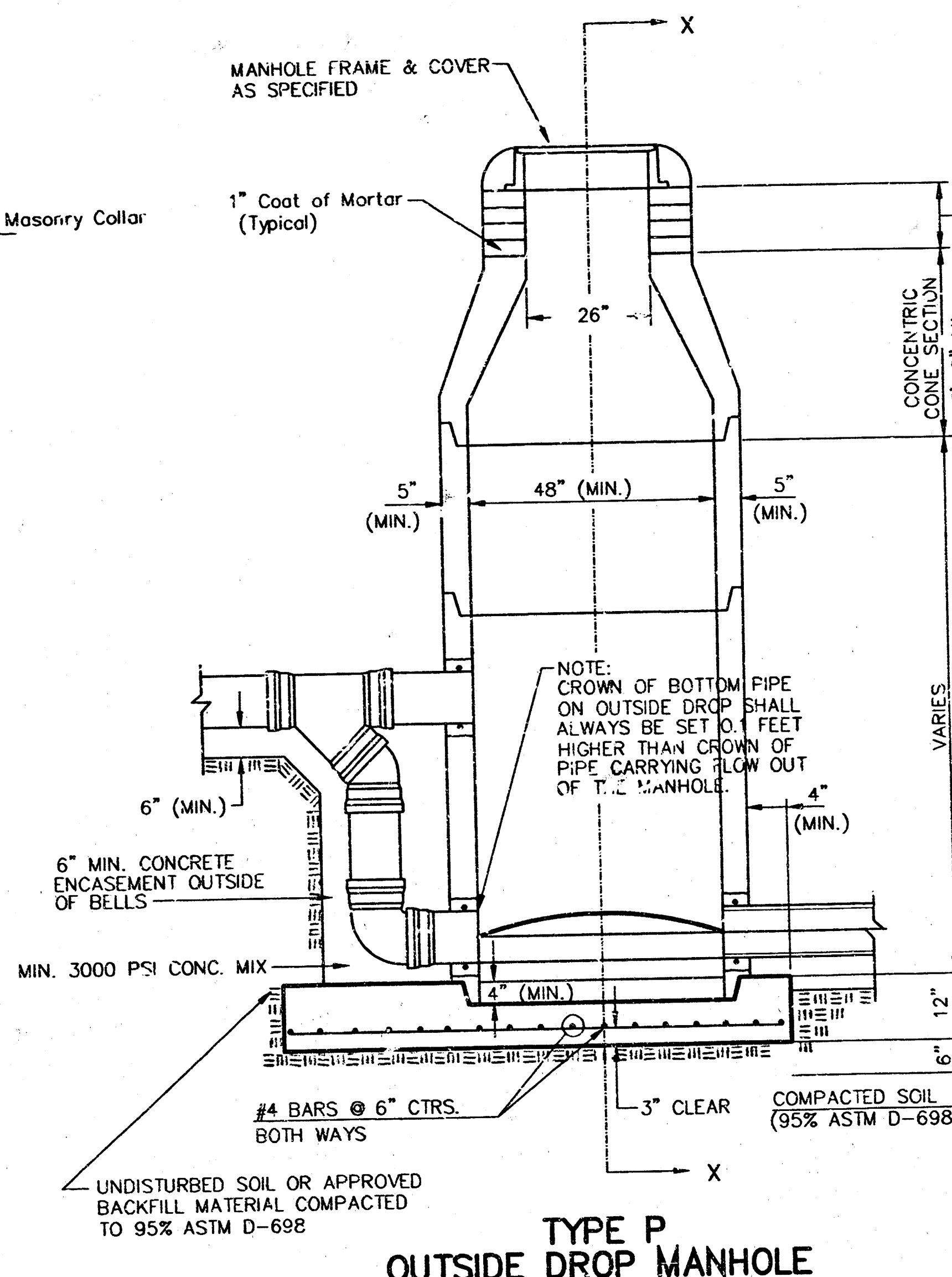
SEWER APPURTENANCES DETAILS



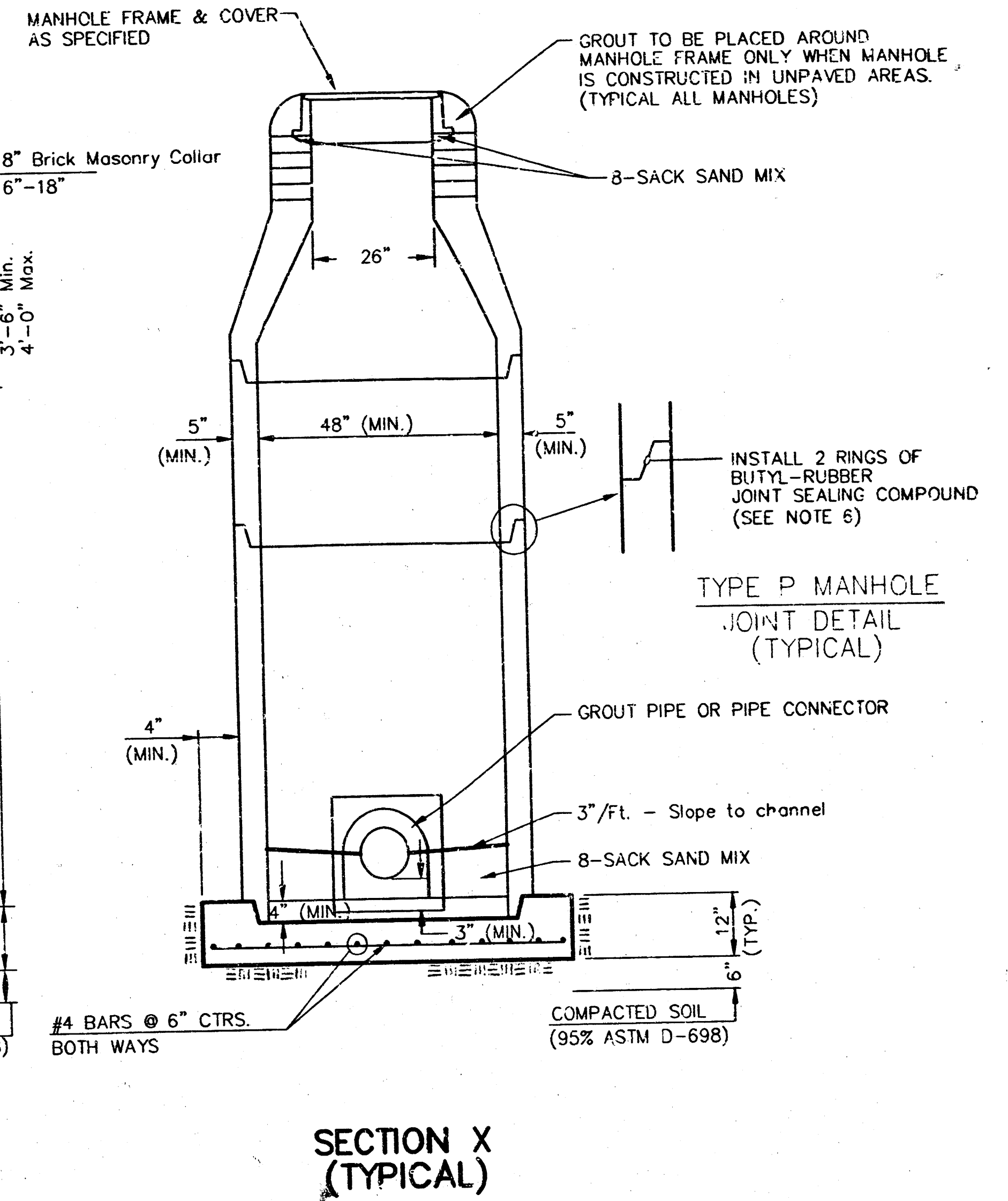
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



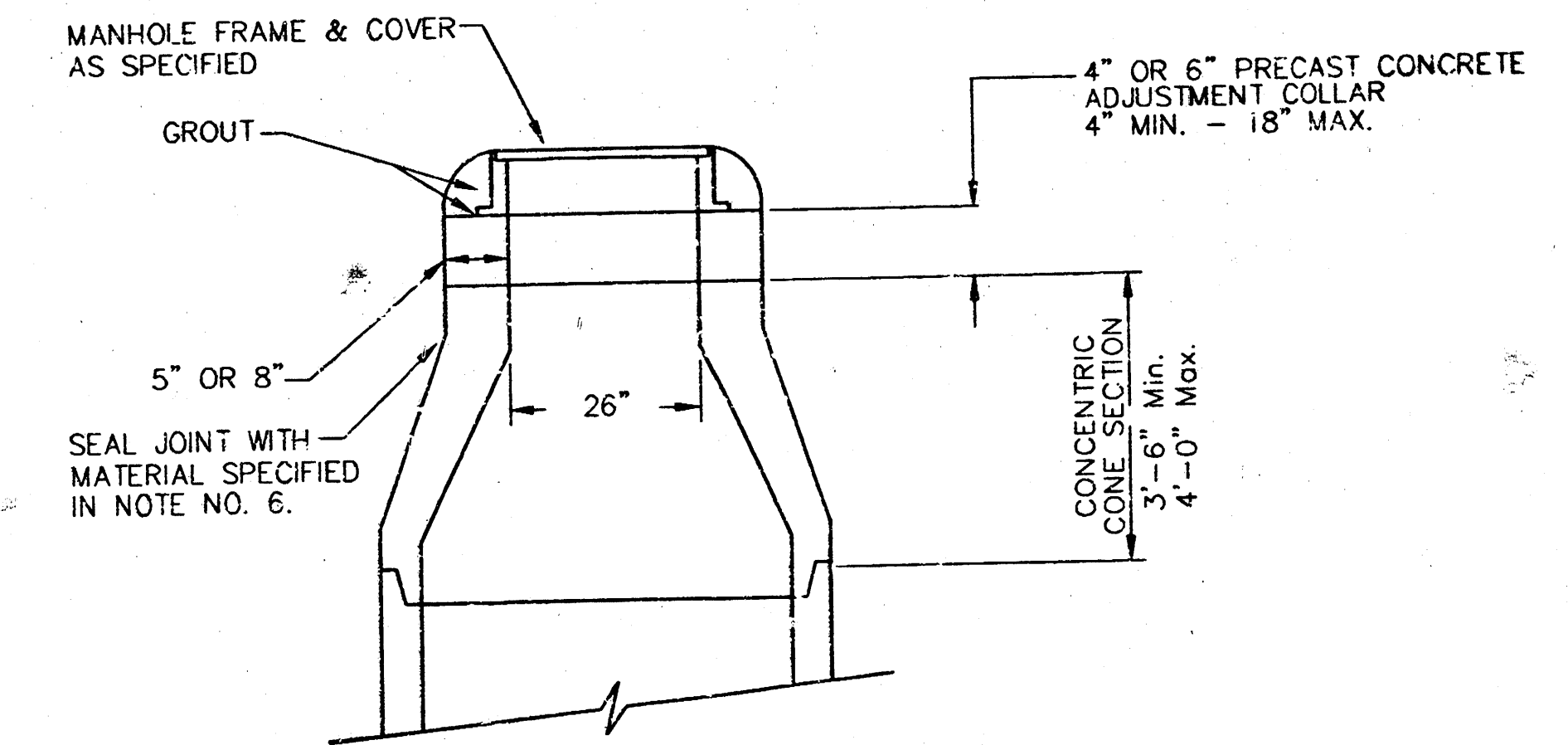
SECTION X
(TYPICAL)

GENERAL NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TNEC SERIES 66 HI-BUILD EPOXYLINE, DRY THICKNESS OF 8 MILS (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 ON APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. 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 PAVEMENT 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.

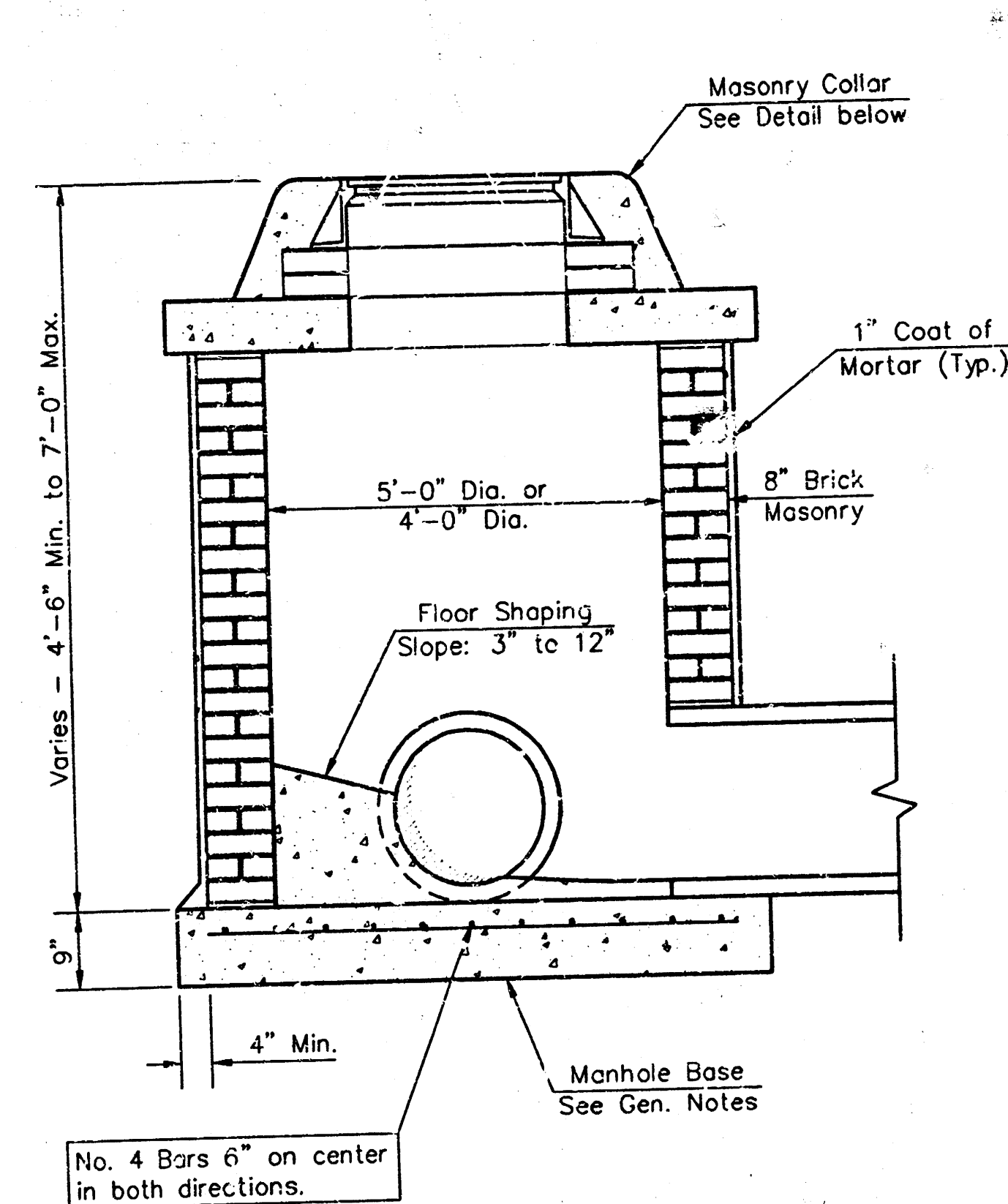
11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NON-SHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. 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 EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. 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.
14. 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.

15. 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 DRAWING.
16. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES 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.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.

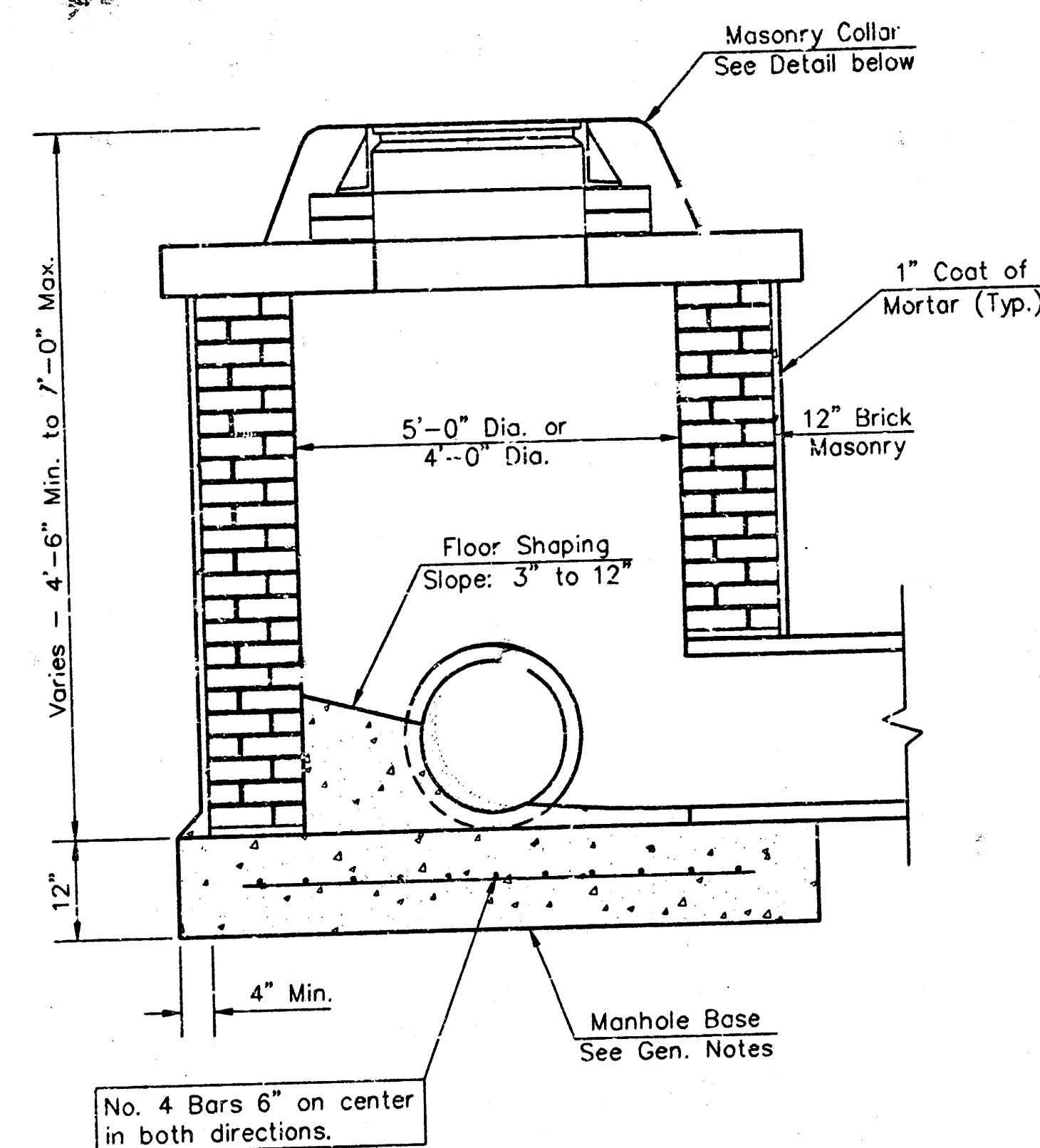


ALTERNATE CONSTRUCTION
IN UNPAVED AREAS

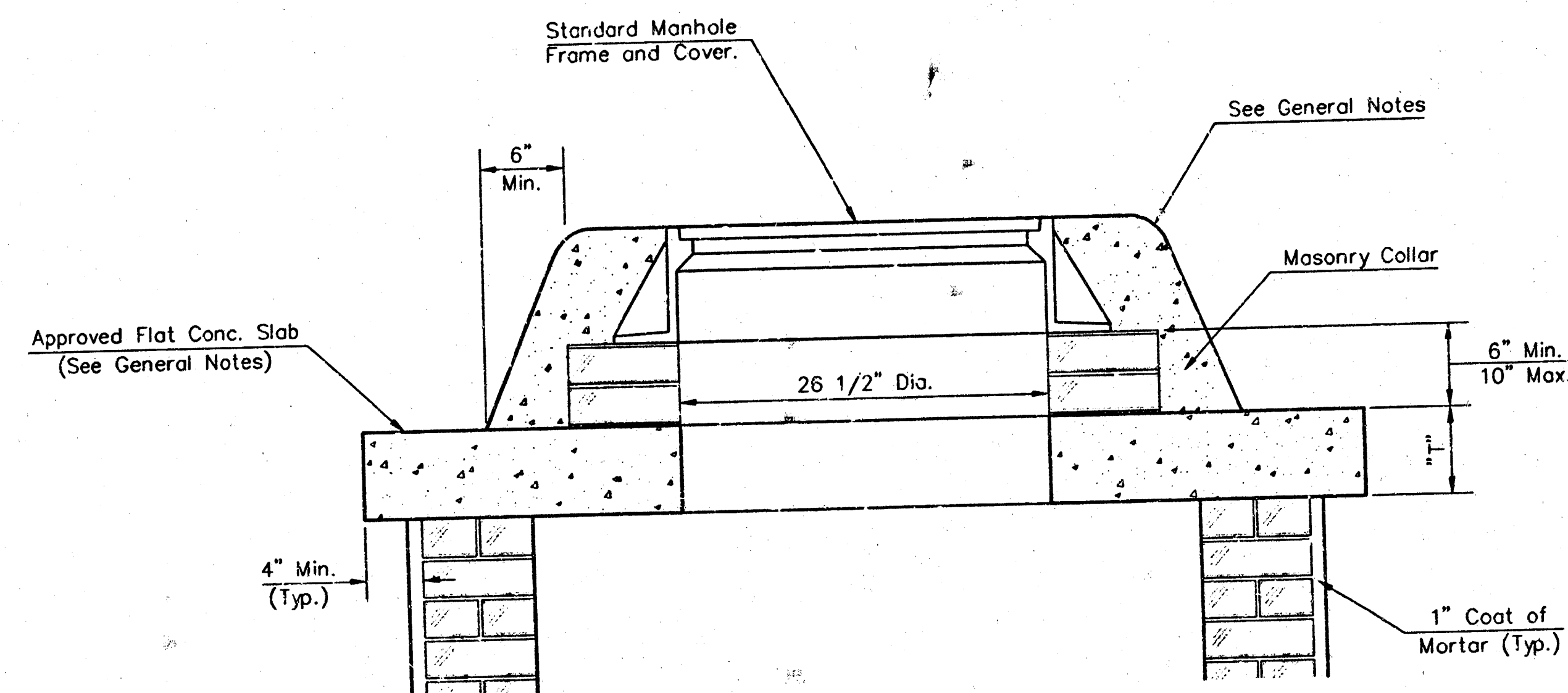
CITY OF WICHITA					
STD. MANHOLE DETAILS					
SEWER APPURTENANCES					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-7271 • 316 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 468-83062					
DESIGN STAFF	DRAWN STAFF	APPROVED	DATE 4/00	SCALE NONE	SHEET 6 OF 6



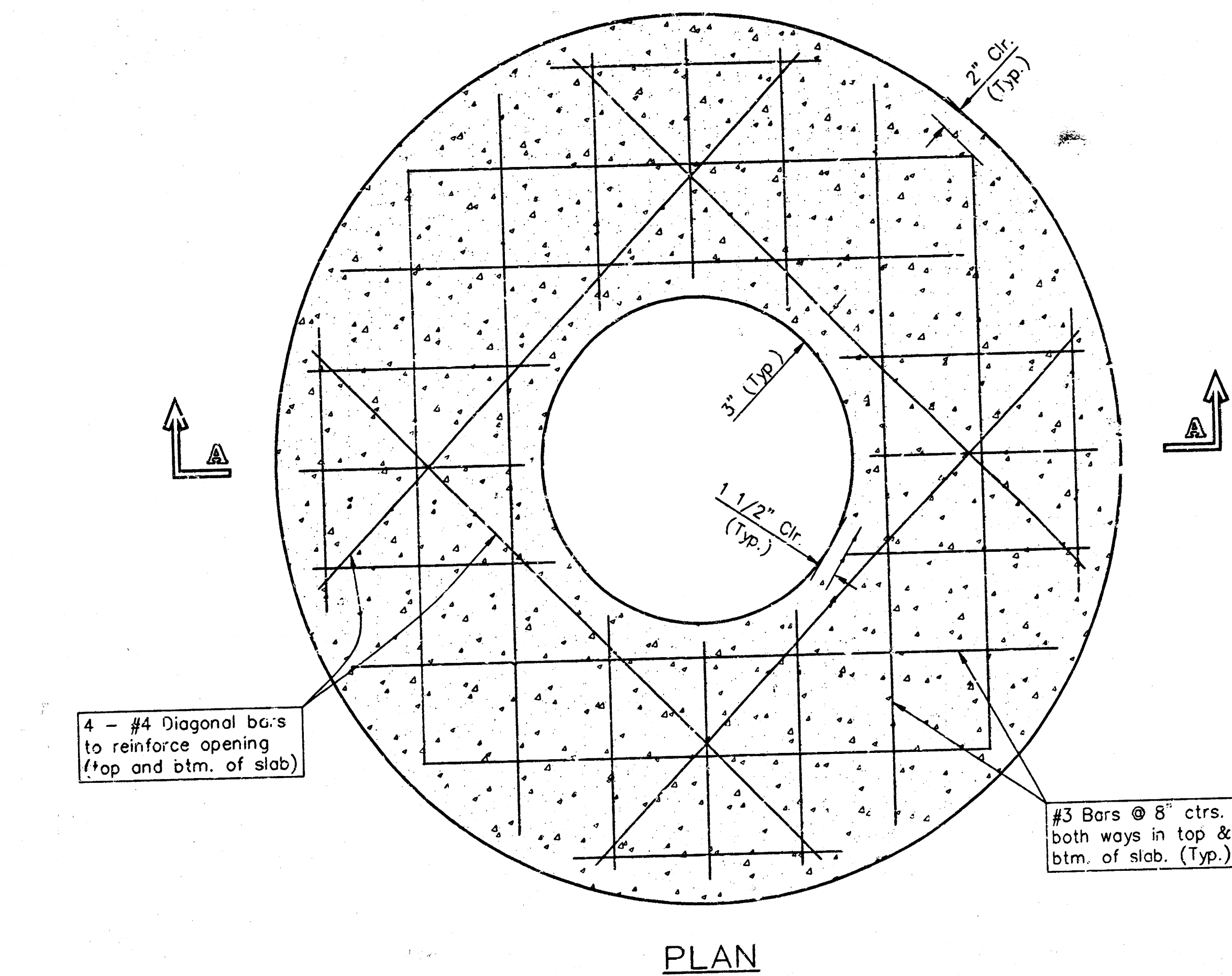
SHALLOW TYPE "A" MANHOLE



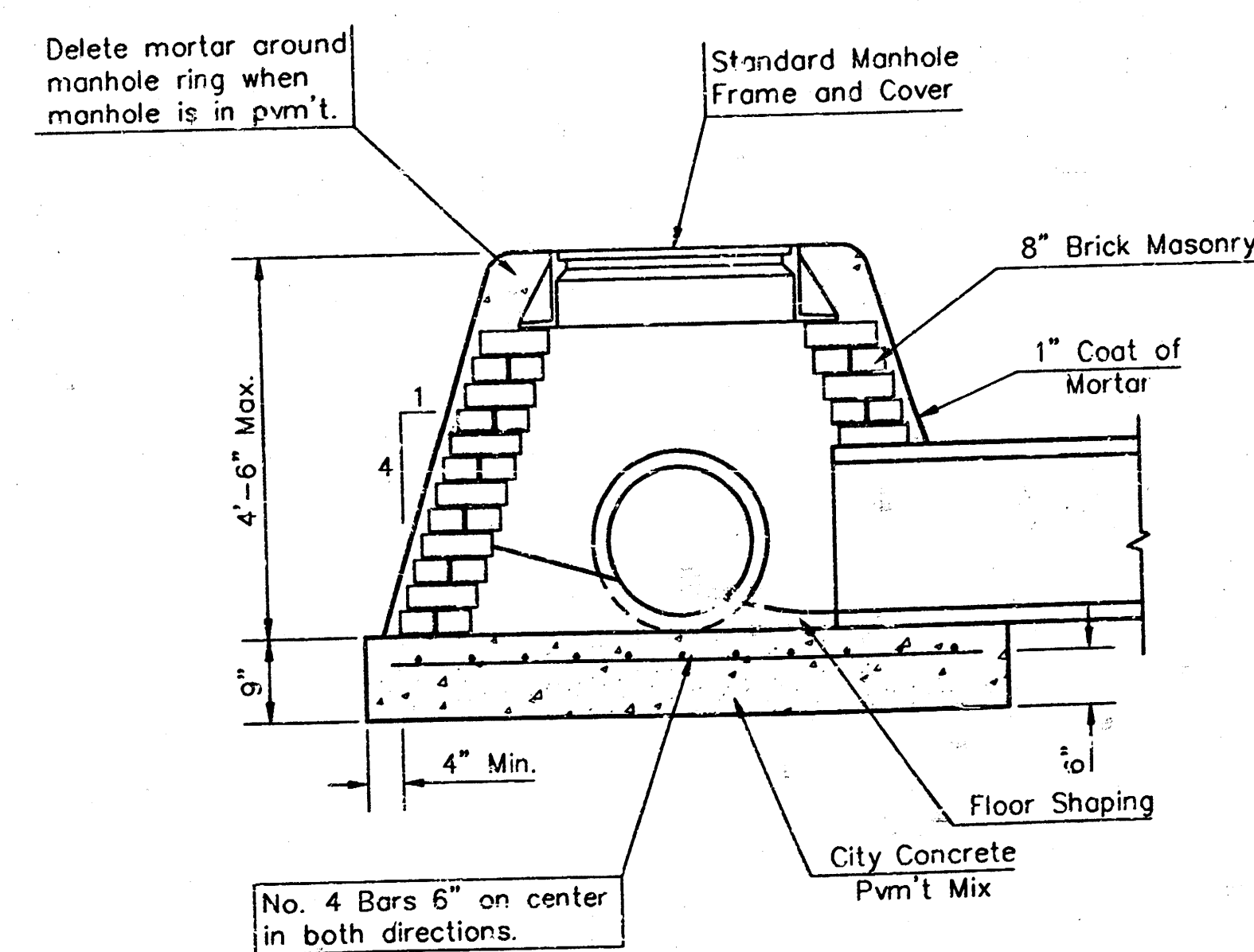
SHALLOW TYPE "B" MANHOLE



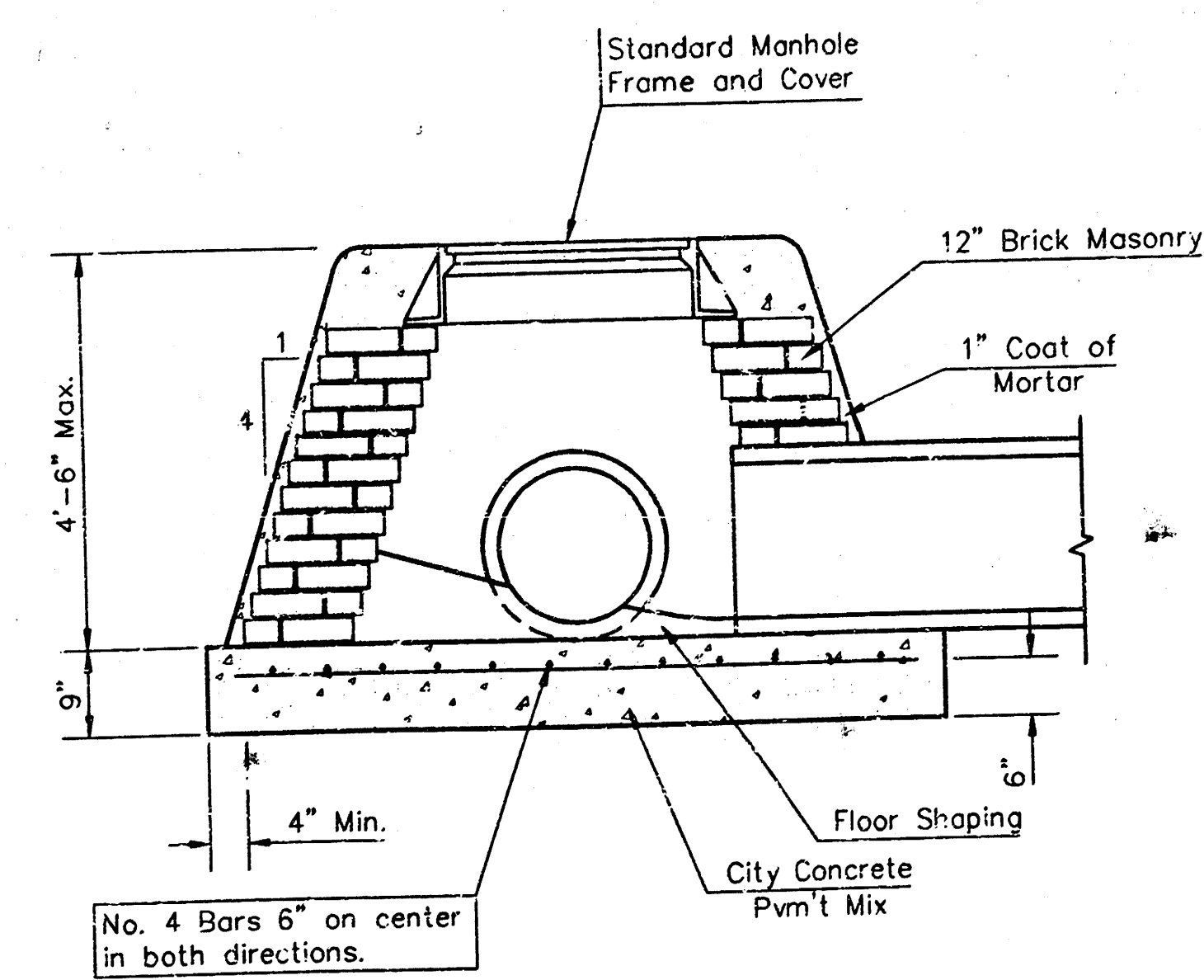
MASONRY COLLAR DETAIL



FLAT CONCRETE SLAB DETAILS



SPECIAL SHALLOW TYPE "A" MANHOLE



SPECIAL SHALLOW TYPE "B" MANHOLE

GENERAL NOTES

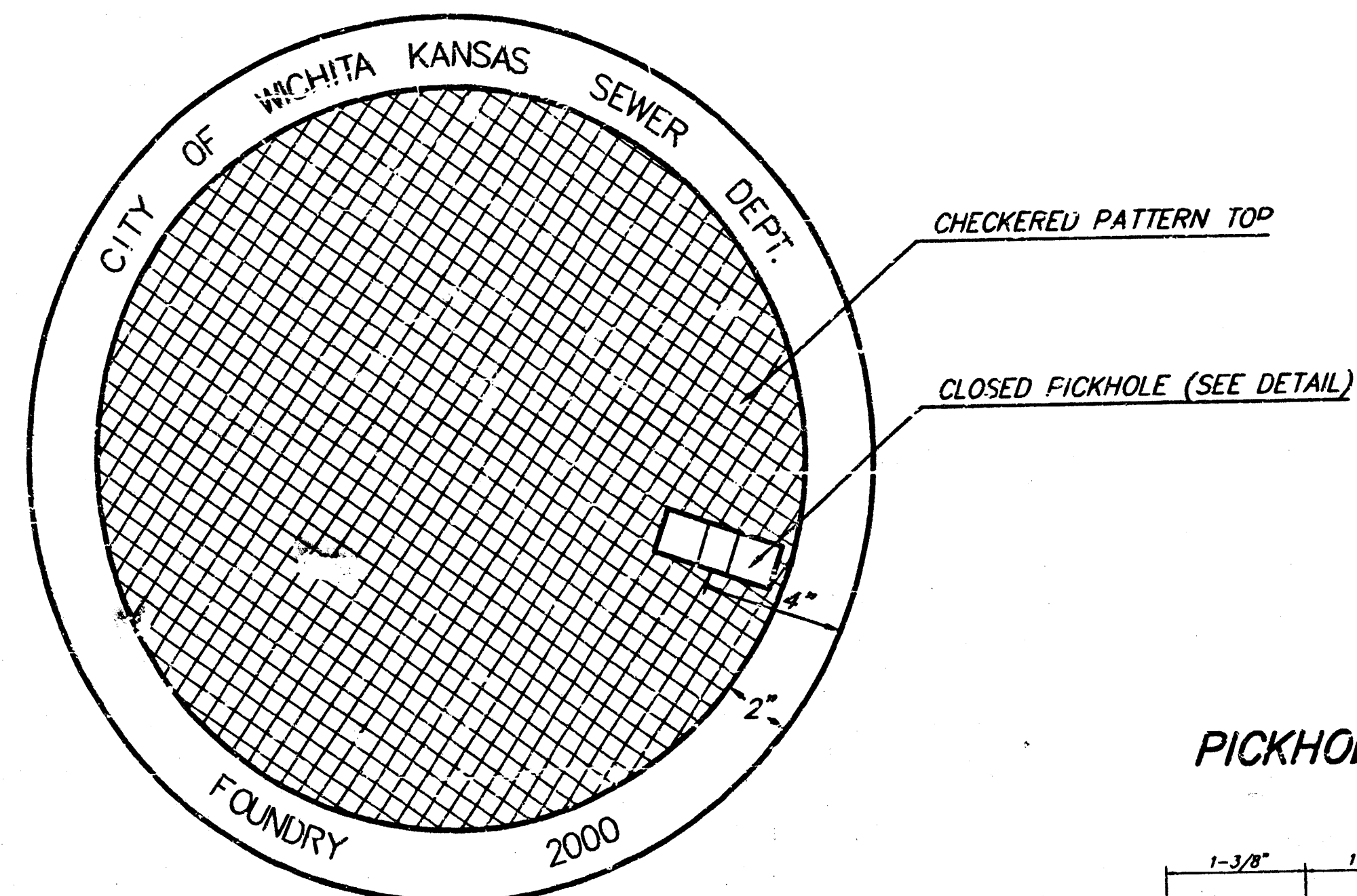
- Mortar used in masonry construction shall contain 8 sacks of cement per cubic yard. Concrete used in manhole bases shall conform to the requirements of concrete for concrete pavement construction as specified in the city standard paving specifications using city concrete cement mix without air entraining 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.

Sta		Detail	
ED BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
315-262-2271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER		SHEET	
468-83082		4	
DESIGN	DRAWN	APPROVED	DATE
C.O.W.	Staff		4/00
SCALE		NONE	
		6	

MANHOLE FRAME AND COVER DETAIL

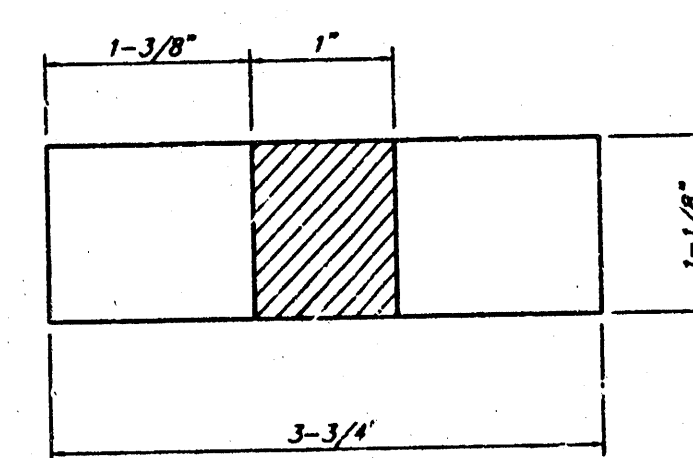
ADOPTED AS STANDARD DESIGN BY
CITY OF WICHITA, KANSAS

MANHOLE COVER
Weight = 180 Lbs.

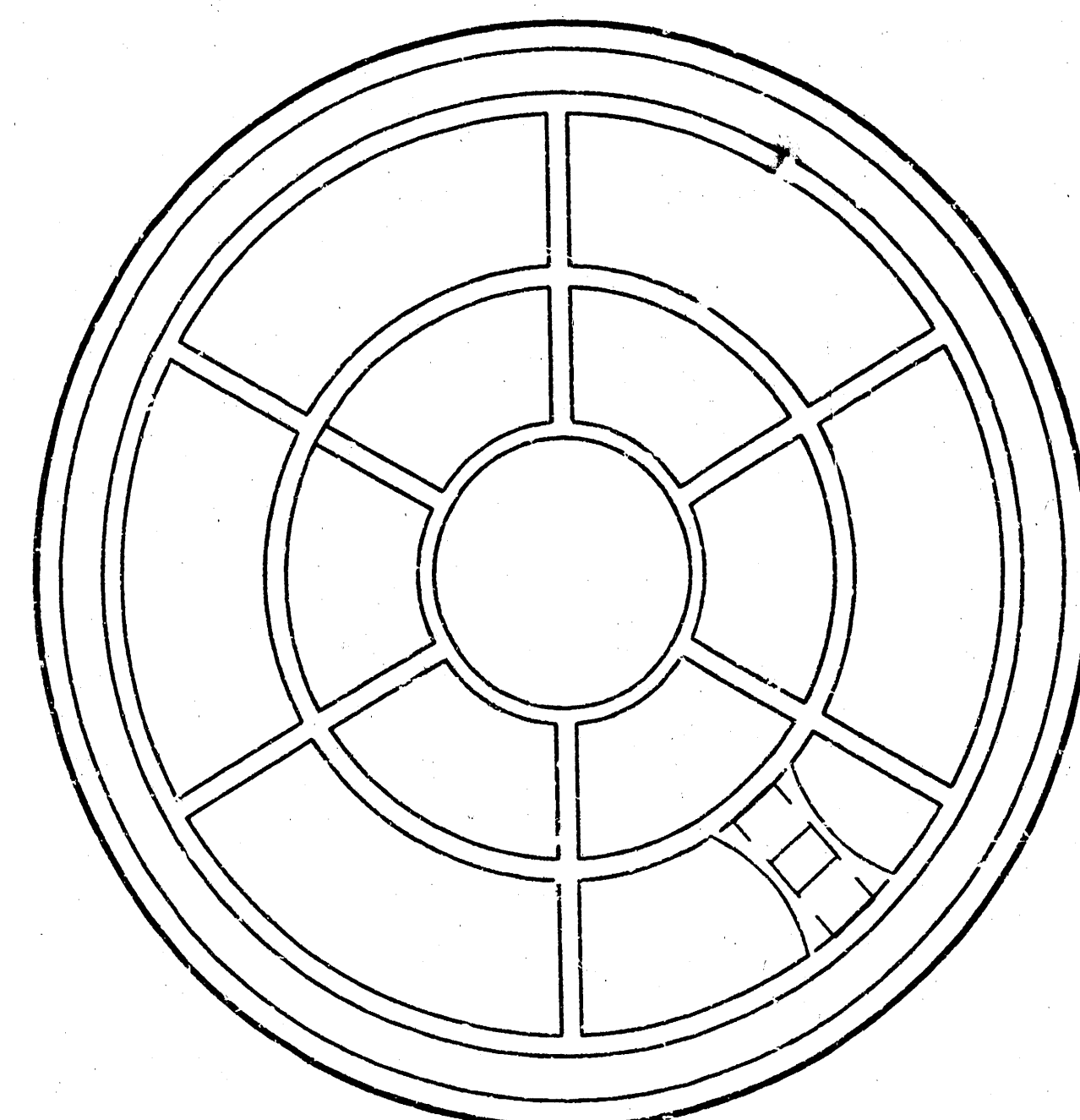


TOP VIEW

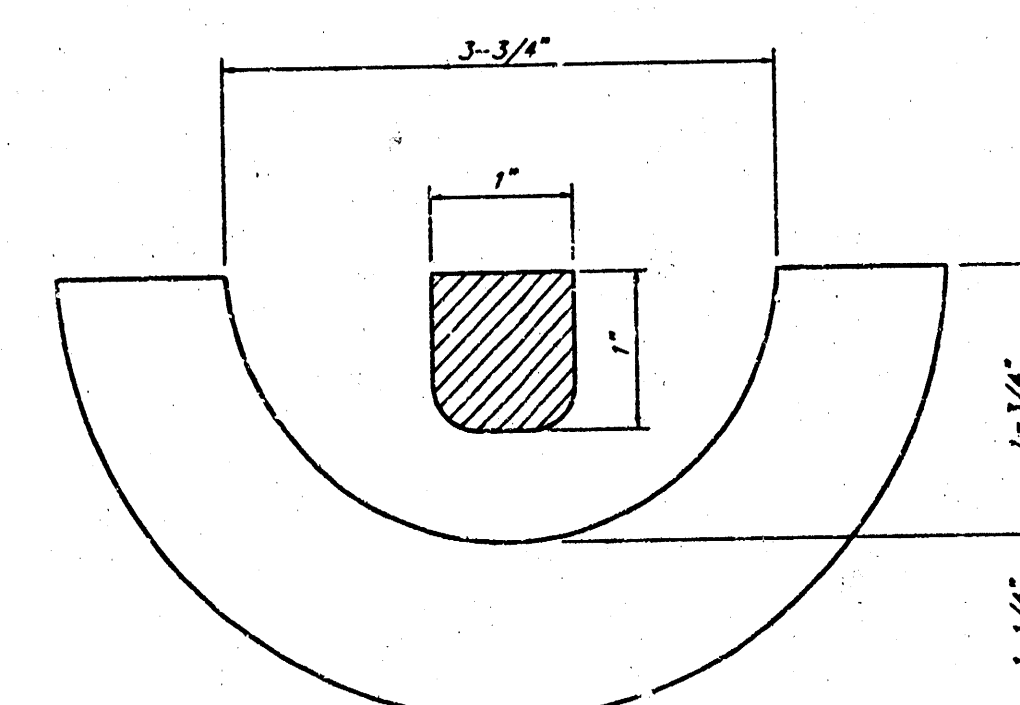
PICKHOLE DETAIL



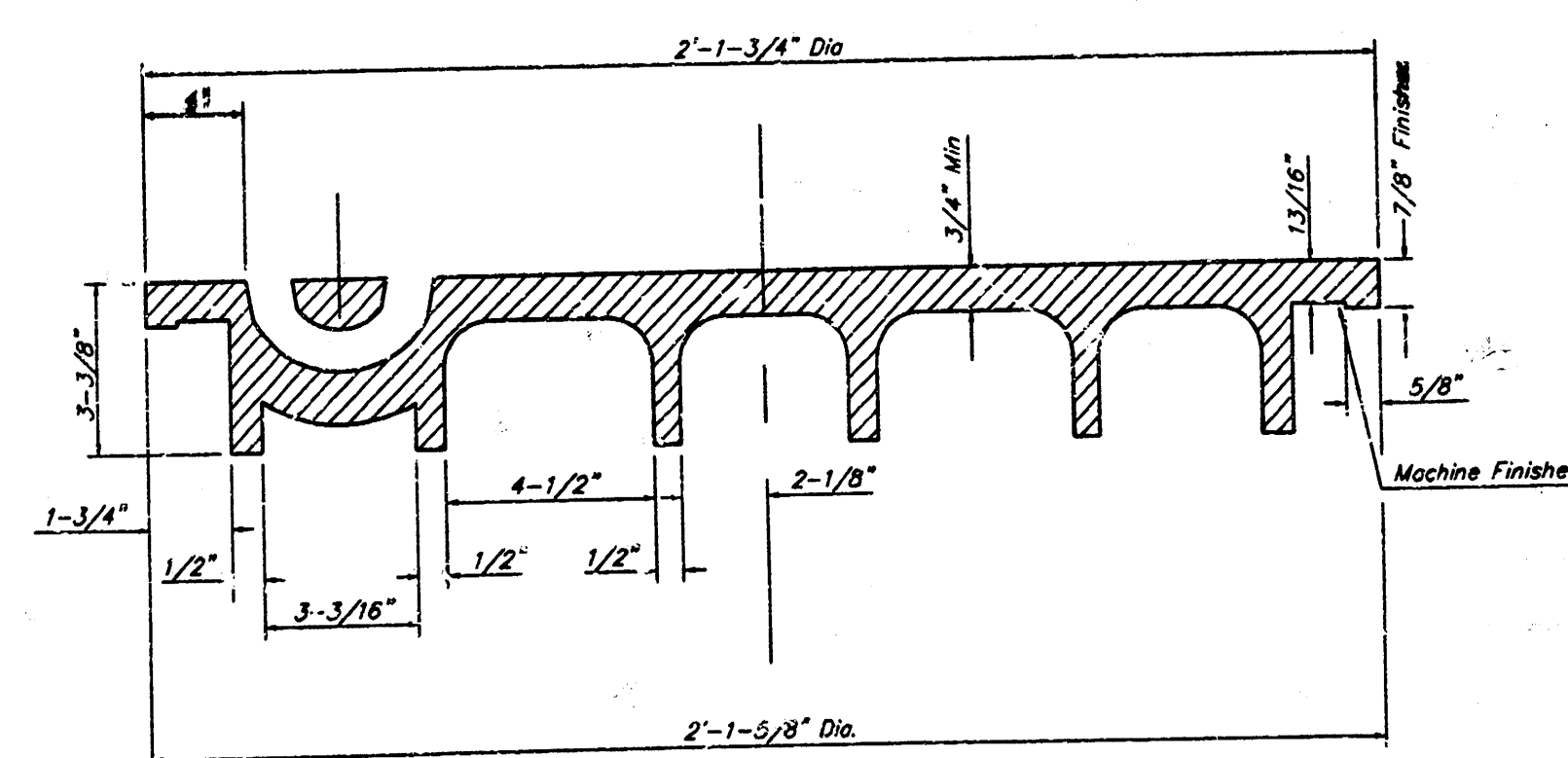
TOP VIEW



BOTTOM VIEW

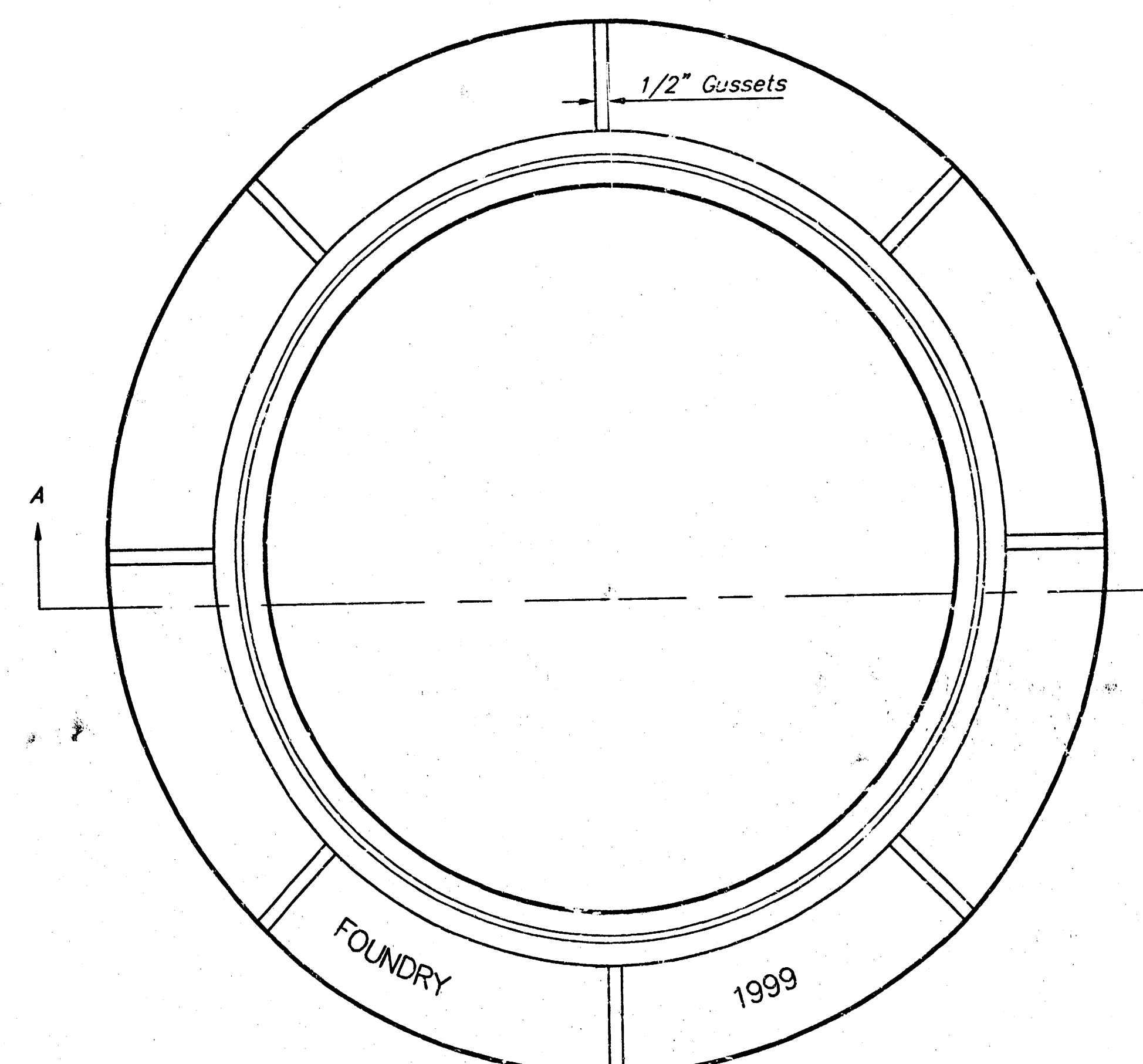


SECTION VIEW

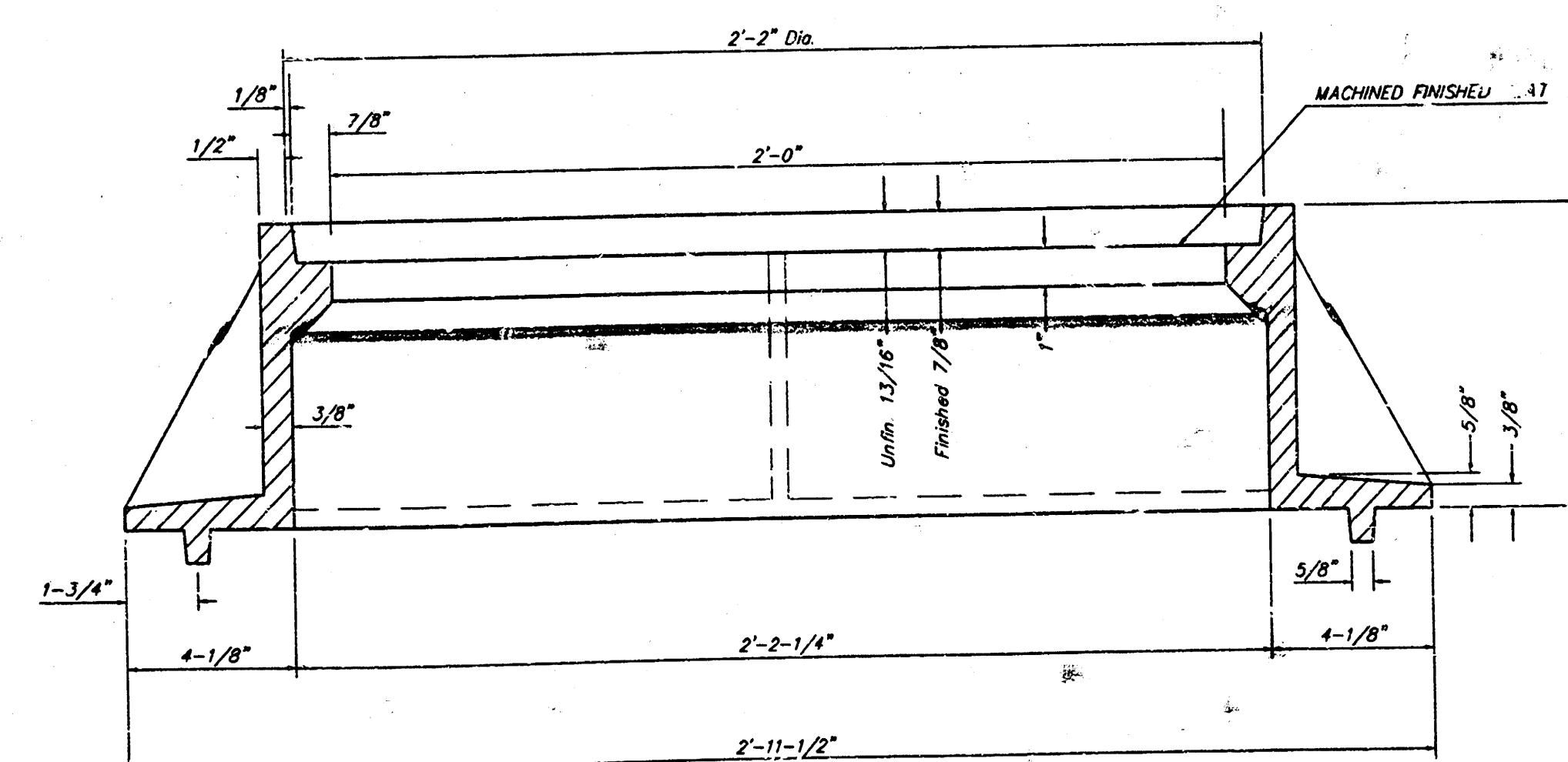


SECTION VIEW

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 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 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
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
408-83082
DESIGN STAFF DRAWN STAFF APPROVED DATE 4/00 SCALE NONE SHEET 5 OF 6

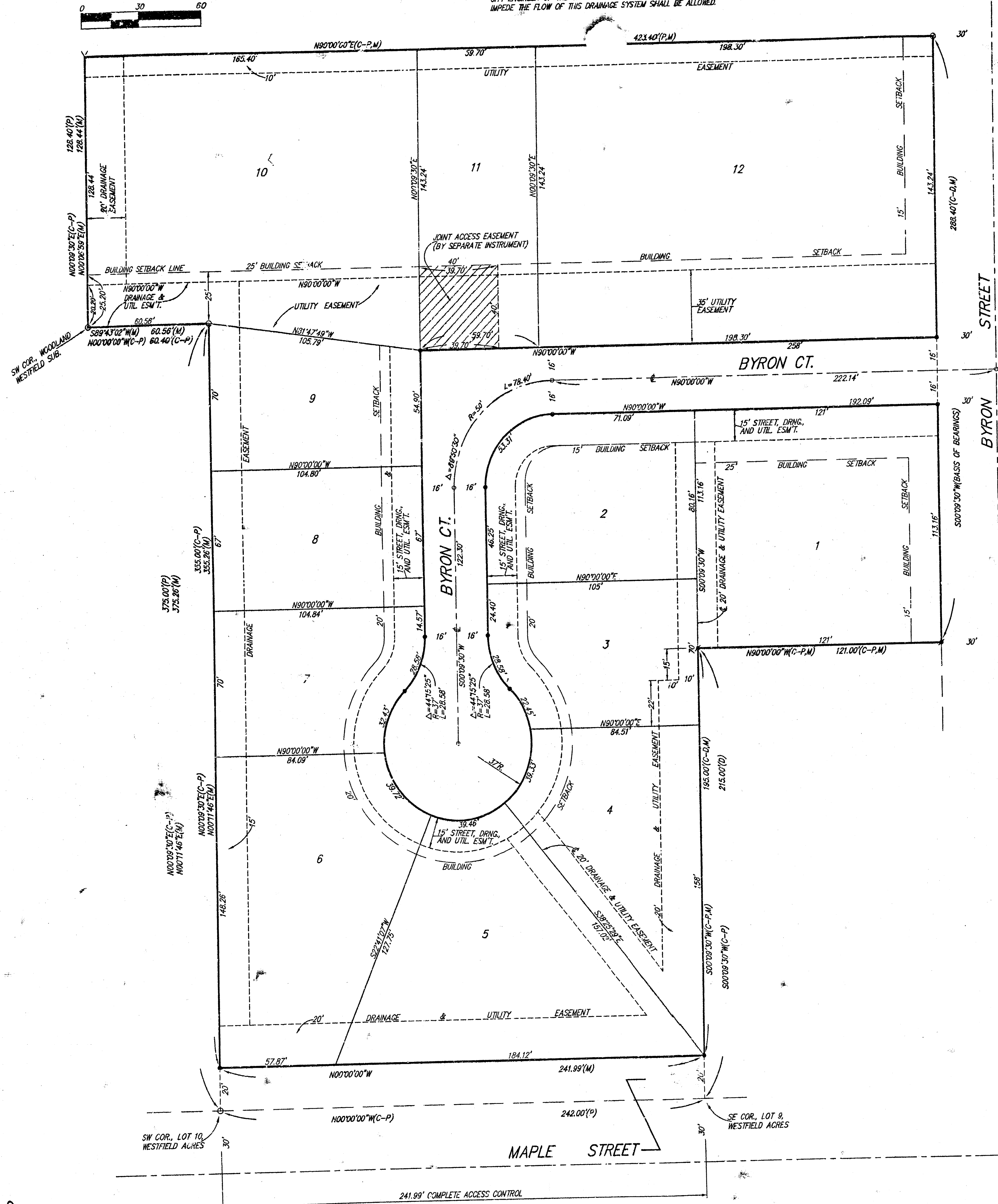
WOODLAND WESTFIELD 2ND ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

* = #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 EASEMENTS 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) 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 A. Conrey
 Michael & Conrey
 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
 drainage purposes and for the construction and maintenance of all public
 utilities. The drainage easements are hereby granted as indicated for
 utilities. 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., Trustee

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

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

Brad A. Noakes
 Brad A. Noakes

Julia T. Wood
 Julia T. Wood

Winifred W. Noakes
 Winifred W. Noakes

State of Kansas) SS
 Sedgwick County) 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, Notary Public
 My App't. Exp. 5/5/01

State of Kansas) SS
 Sedgwick County) 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, Notary Public
 My App't. Exp. 5/5/01

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

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.

State of Kansas) SS
 Sedgwick County) The foregoing instrument acknowledged be-
 fore me, this 4th day of NOVEMBER, 1999, by BRENT A. GROVES,
 V.P. of INTRUST Bank, N.A., on behalf of the bank.

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.

State of Kansas) SS
 Sedgwick County) The foregoing instrument acknowledged be-
 fore 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, 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, Chairman
 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, Mayor
 Pat Burnett, City Clerk

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

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

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

State of Kansas) SS
 Sedgwick County) 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, Register of Deeds

Linda Kizzire, Deputy

BAUGHMAN COMPANY P.A.