

LATERAL 32, MAIN 1, COWSKIN INTERCEPTOR SEWER

PROJ. NO. 468-83083

OCA NO. 743835

CITY OF WICHITA, KANSAS

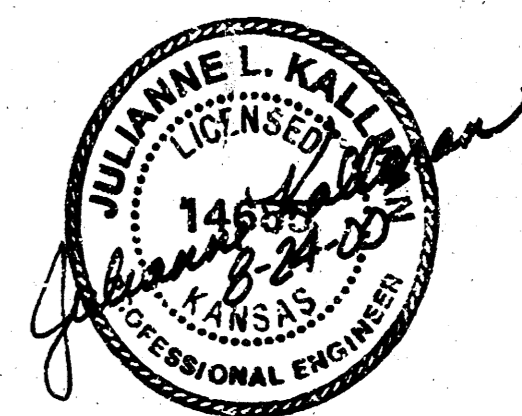
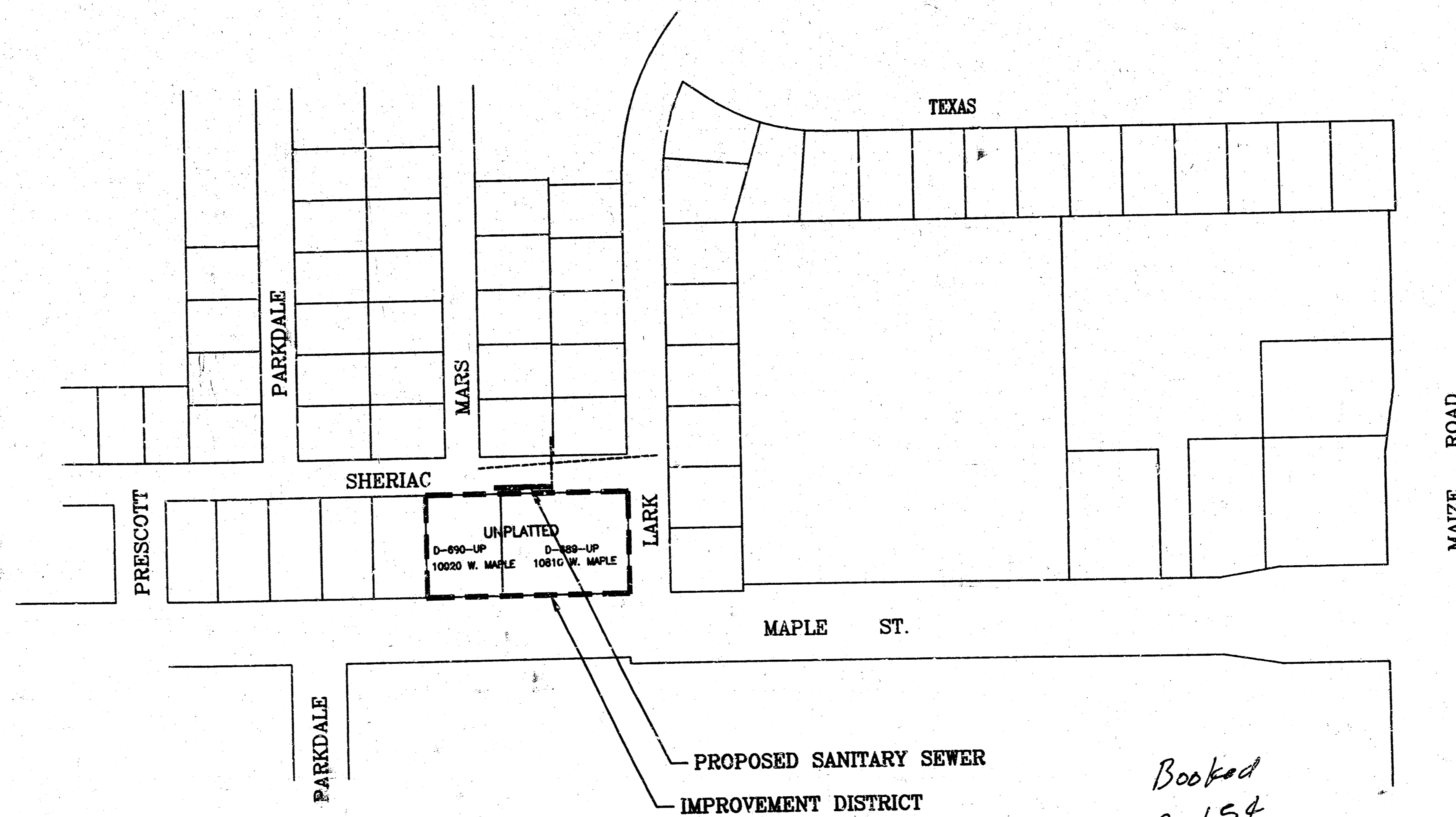
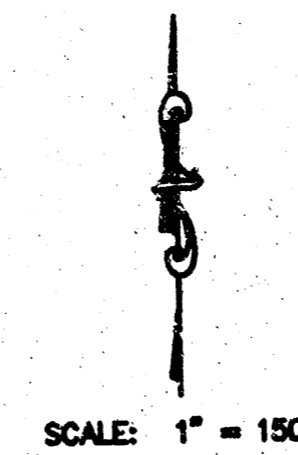
M. E. LINDEBAK, P.E. - CITY ENGINEER

GENERAL NOTES:

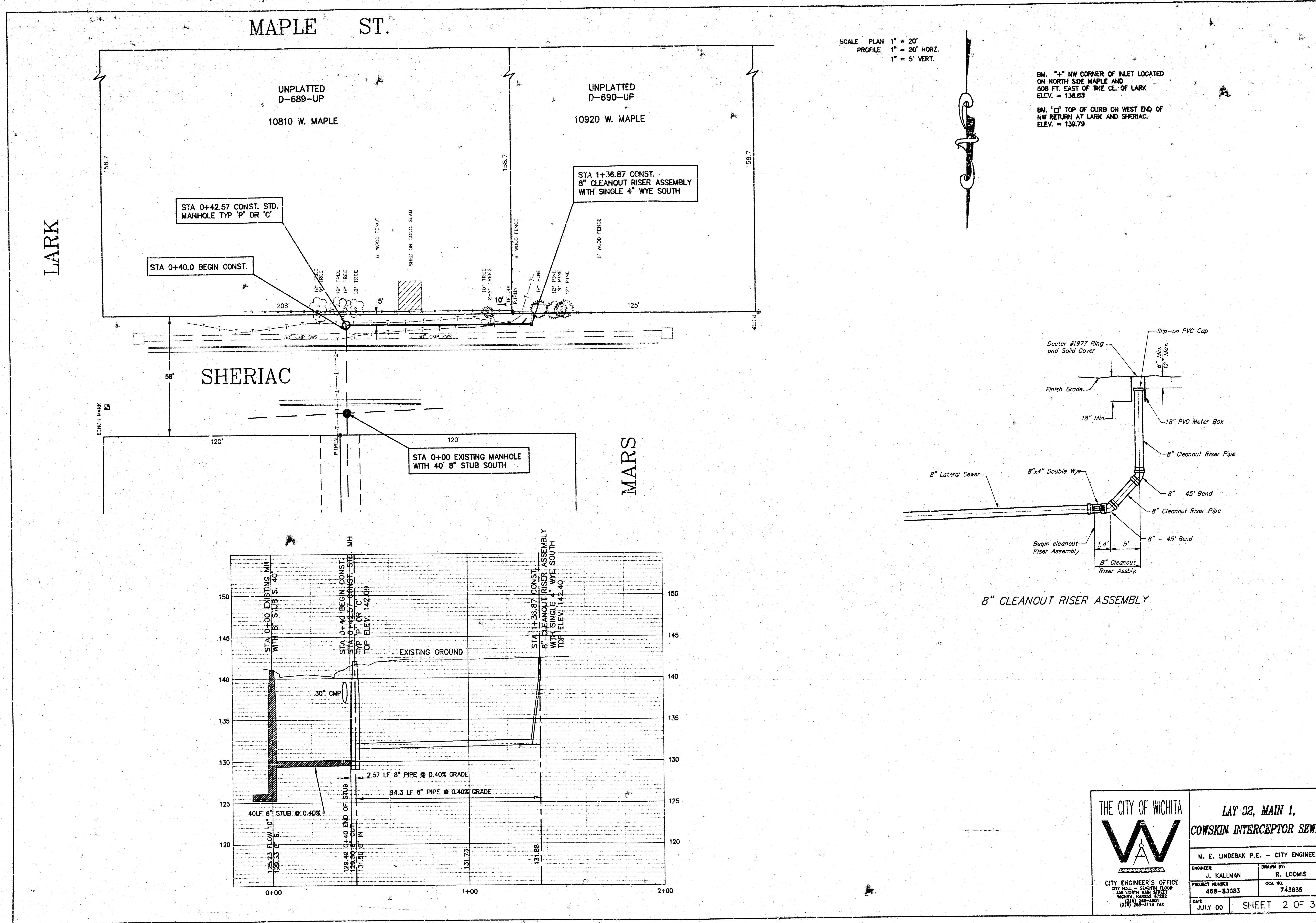
1. ALL CONSTRUCTION AND MATERIAL TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
2. THE CONTRACTOR SHALL NOTIFY THE UTILITY SERVICE COMPANIES TO FLAG THEIR UNDERGROUND LINES AND REQUEST ANY OVERHEAD POLE/LINE ADJUSTMENTS 48 HOURS PRIOR TO CONSTRUCTION.
KANSAS ONE-CALL 1-800-344-7233
3. THE UNDERGROUND UTILITY SERVICE LINES AND 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. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
4. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS DIRECTLY AFFECTED BY THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF FIVE (5) DAYS ADVANCE WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION.
5. ANY TREE OR SHRUB REMOVAL MUST BE APPROVED BY THE FIELD ENGINEER.
6. THE CONTRACTOR SHOULD EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION.
7. ANY FENCE REMOVED DURING CONSTRUCTION MUST BE REPLACED AND RESTORED TO ORIGINAL CONDITION.
8. UTILITY CASEMENT AND FENCE RESTORATION SHALL BE SUSPENDED FOR THREE WEEKS FROM THE DATE THE SEWER IS TESTED AND ACCEPTED BY THE ENGINEERING DIVISION, DEPARTMENT OF PUBLIC WORKS, TO ALLOW PROPERTY OWNERS TIME TO INSTALL HOOKUPS TO THE SEWER MAIN. CONTRACTORS SHALL NOTIFY PROPERTY OWNERS, IN WRITING, OF THIS AGREEMENT.

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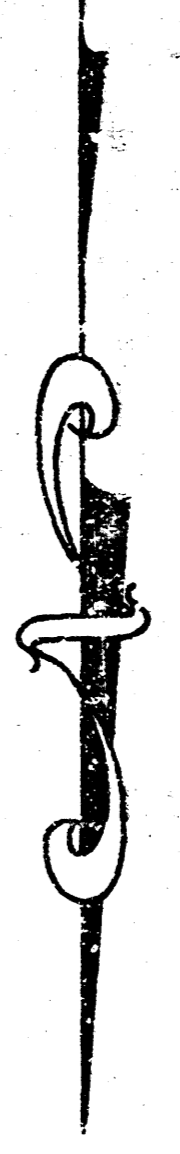
SHEET	1	-	TITLE SHEET
SHEET	2	-	PLAN/PROFILE
SHEET	3	-	MANHOLE DETAIL



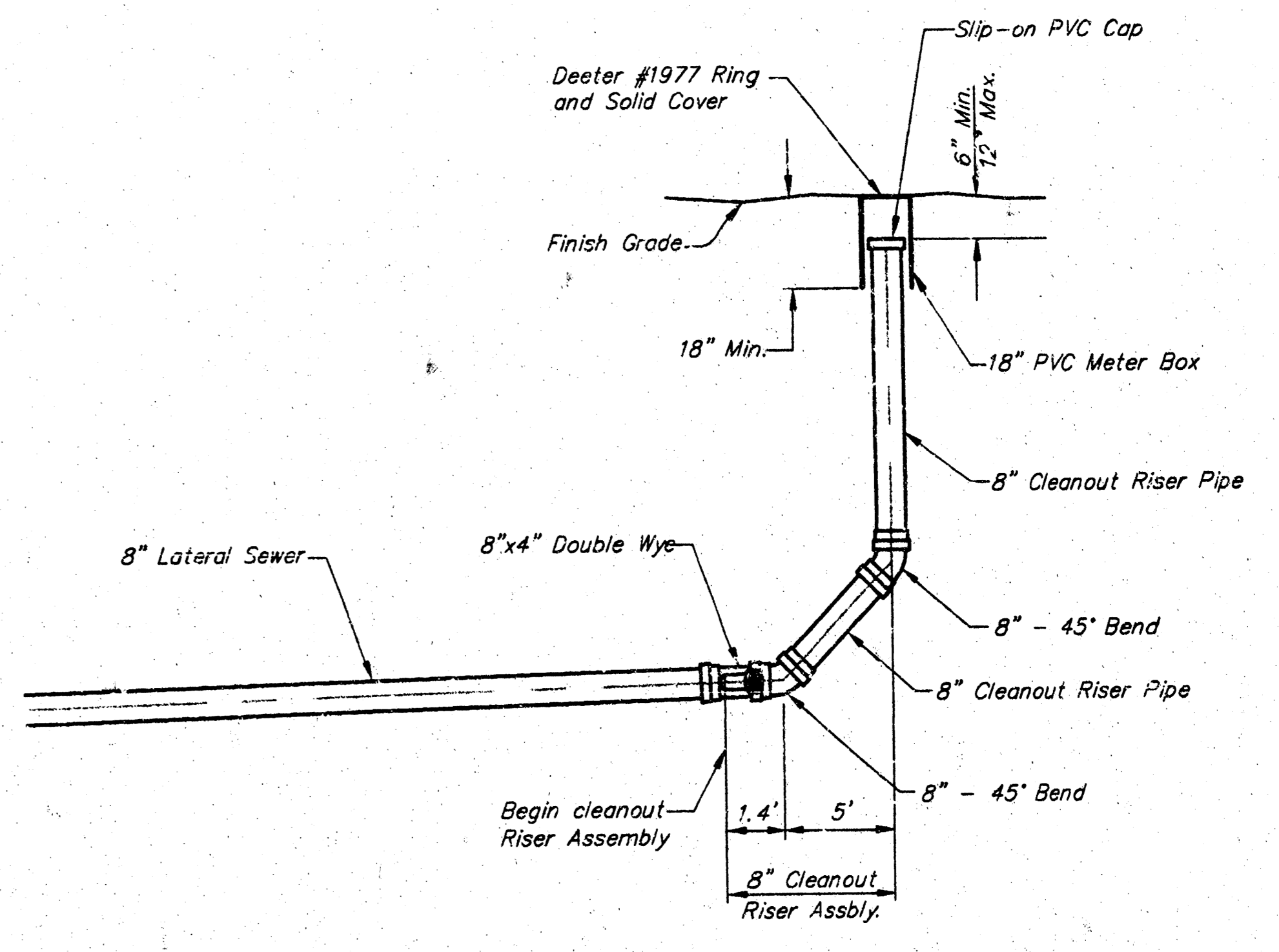
*Booked
P-154
11-1-00
R DL
Per Plan*



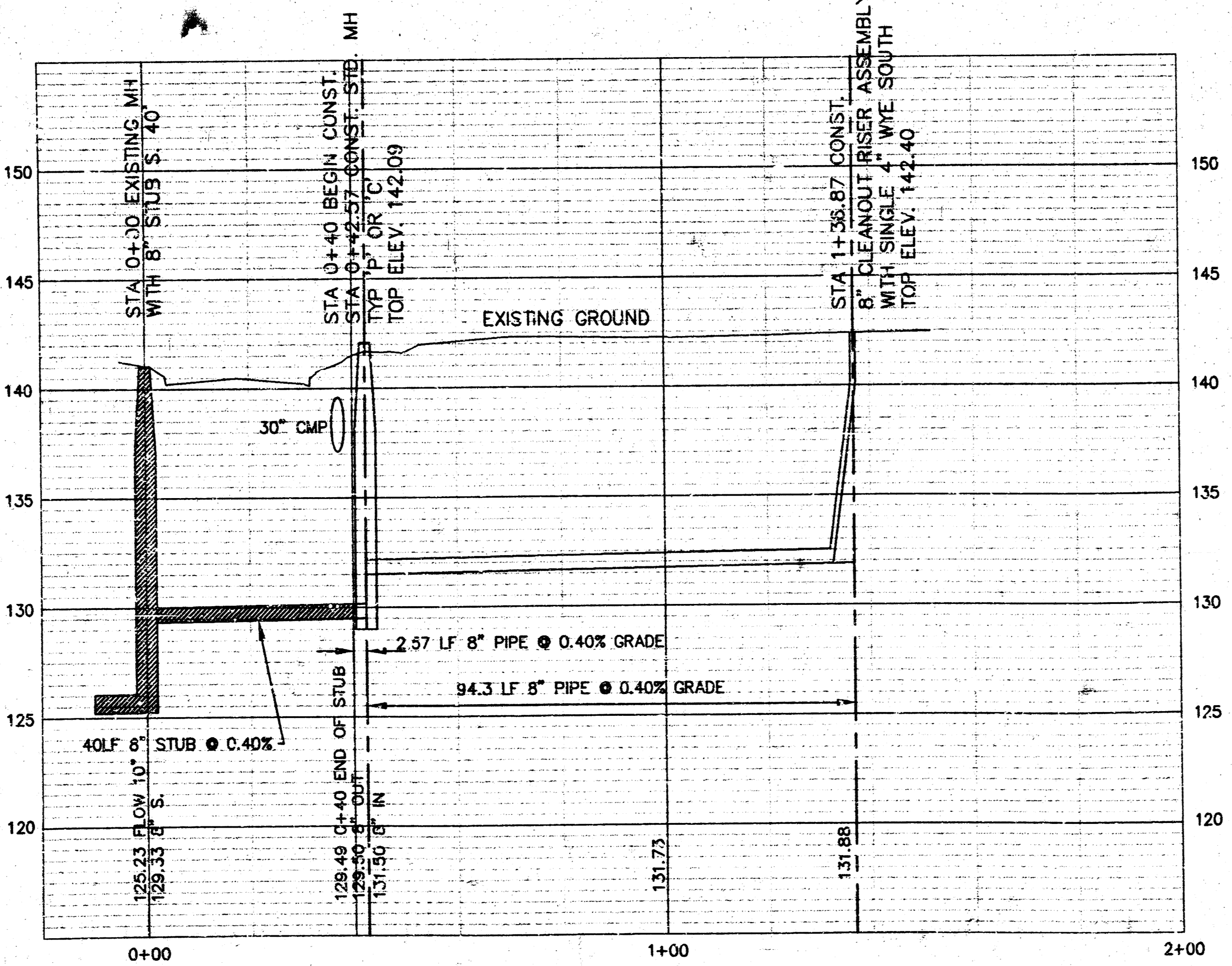
SCALE PLAN 1" = 20'
 PROFILE 1" = 20' HORZ.
 1" = 5' VERT.



BM. "A" NW CORNER OF INLET LOCATED ON NORTH SIDE MAPLE AND 508 FT. EAST OF THE CL. OF LARK ELEV. = 138.83
 BM. "C" TOP OF CURB ON WEST END OF NW RETURN AT LARK AND SHERIAC. ELEV. = 139.79

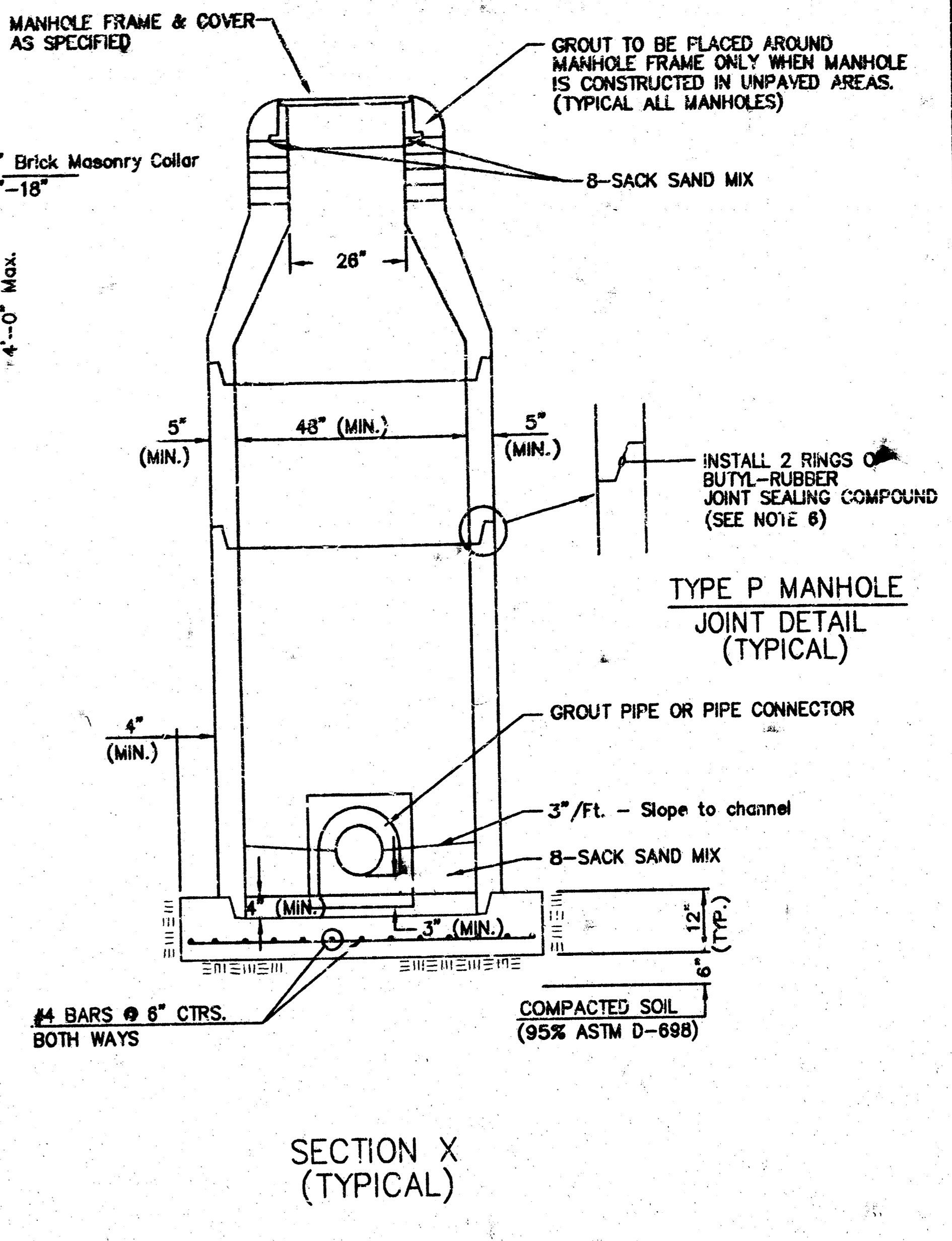
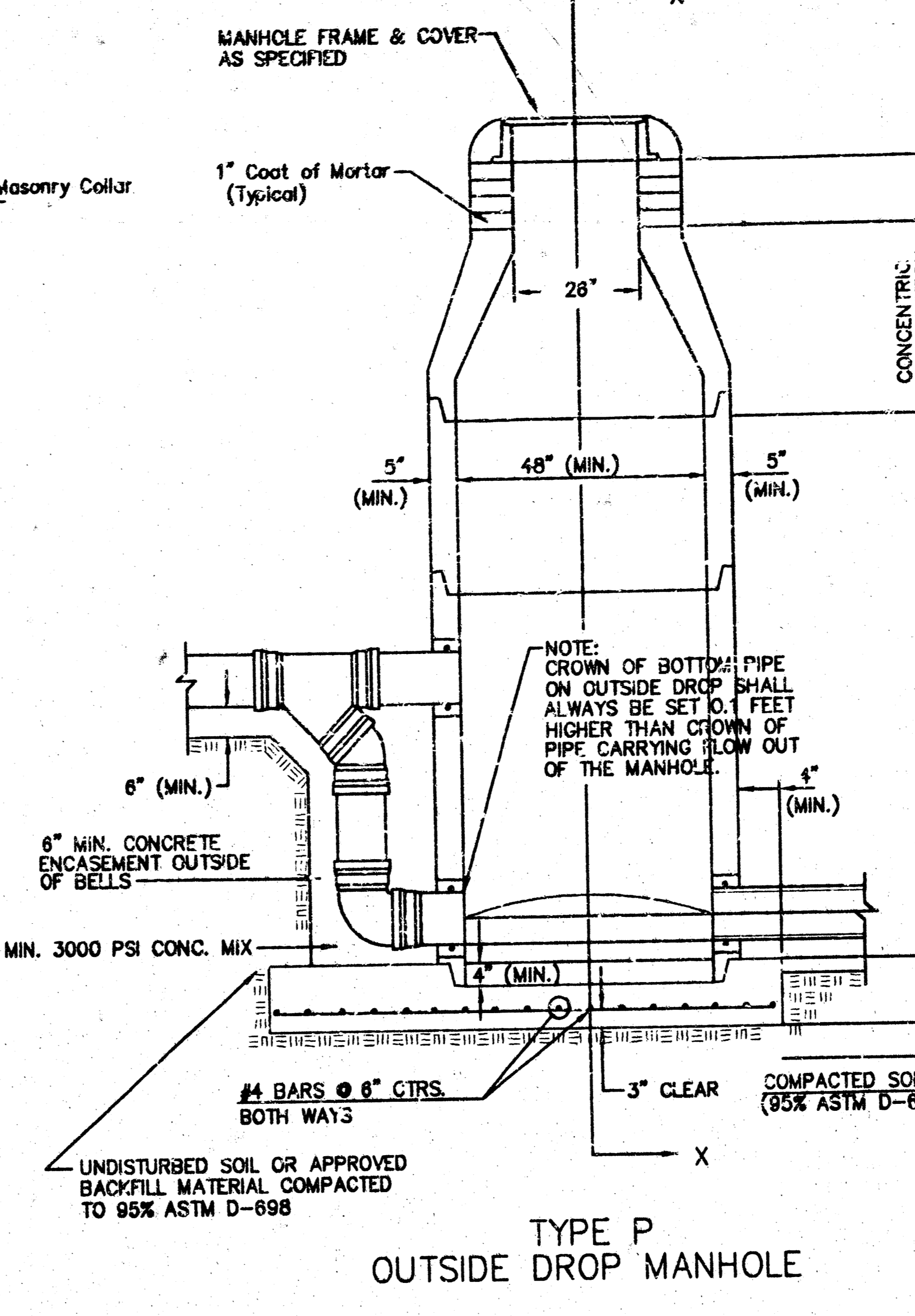
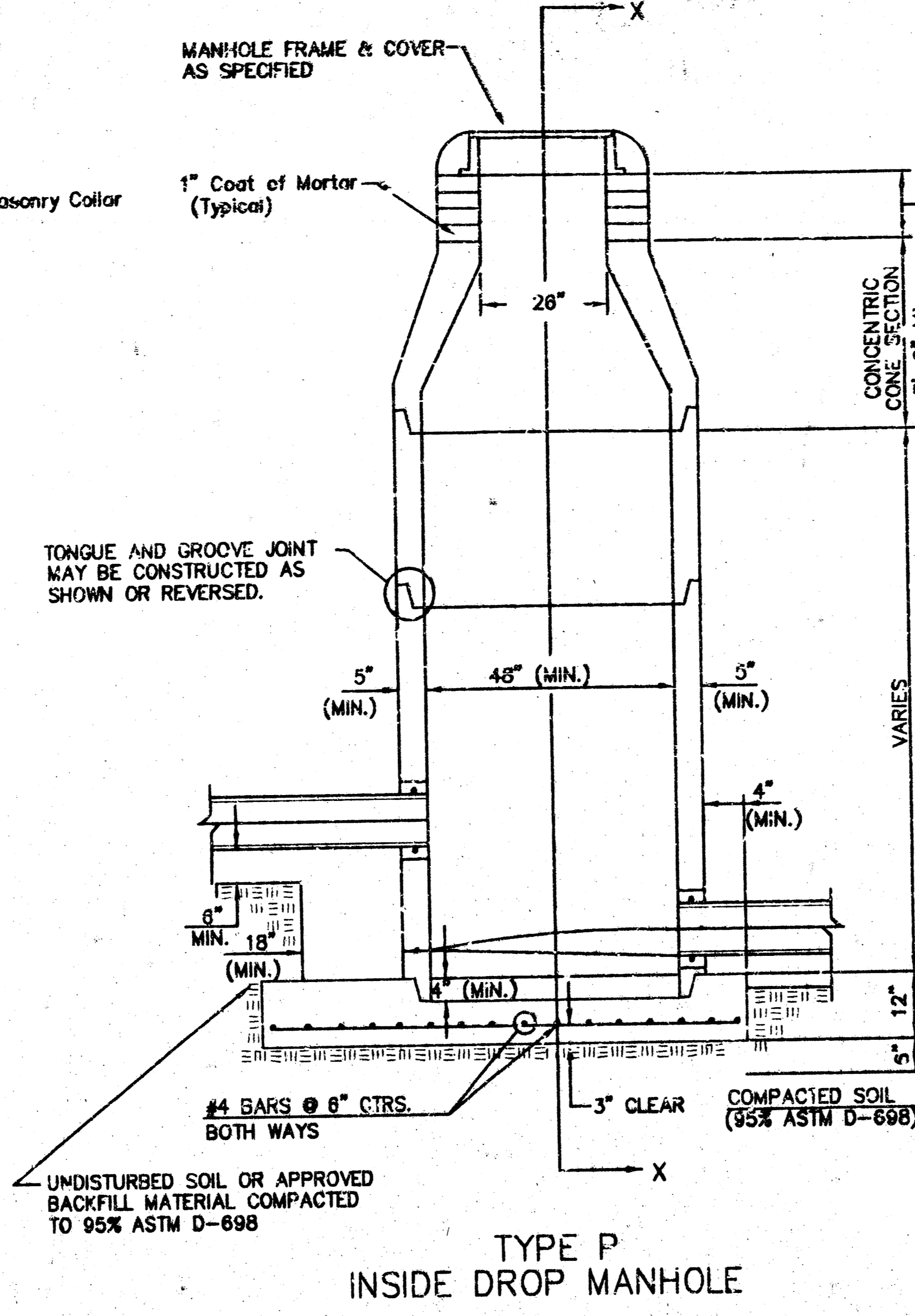
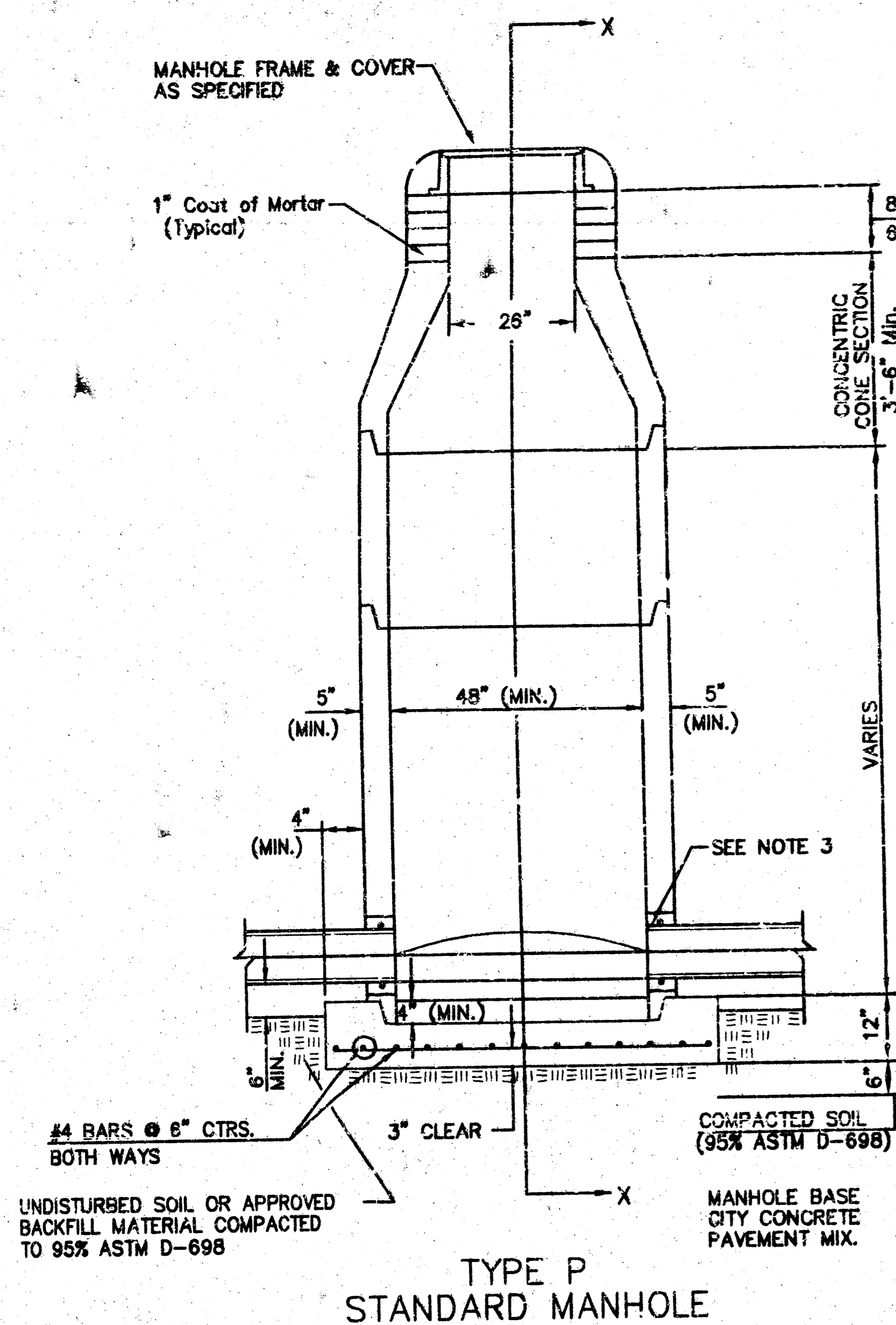


8" CLEANOUT RISER ASSEMBLY



THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 244-1400 (316) 246-4114 FAX	LAT 32, MAIN 1, COWSKIN INTERCEPTOR SEWER		
	M. E. LINDEBAK P.E. - CITY ENGINEER		
	ENGINEER: J. KALLMAN	DRAWN BY: R. LOOMIS	
	PROJECT NUMBER 468-83083	OCA NO. 743835	
DATE JULY 00	SHEET 2 OF 3		

SEWER APPURTENANCES DETAILS



GENERAL NOTES PRECAST MANHOLE NOTES

- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
- NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
- 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.
- ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TREMCO SERIES 88 HI-BUILD EPOXYLINE, DRY THICKNESS OF 8 MILS (MIN.).
- EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
- JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES TO THE MANHOLE BASE.
- 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.
- LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
- 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\"/>

- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6\"/>

- 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.
- THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2\"/>

- 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\"/>

<p>THE CITY OF WICHITA</p>	STANDARD TYPE 'P' MANHOLES	
	M. E. LINDEBAK, P.E. - CITY ENGINEER	
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 450 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 244-4501 (316) 244-3114 FAX	PROJECT NUMBER 468-83083	O&A NO. 743835
	DATE MAR 96	SHEET 3 OF 3

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