

SANITARY SEWER

TO SERVE LOT 1, NEW WESTERN 4TH ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS

CITY OF WICHITA, KANSAS
M.E. LINDEBAK CITY ENGINEER

PRIVATE PROJECT NO. 646PPS
INDEX NO. 607861

July 1996

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
Sanitary Sewers VRH 8/2/96
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving _____

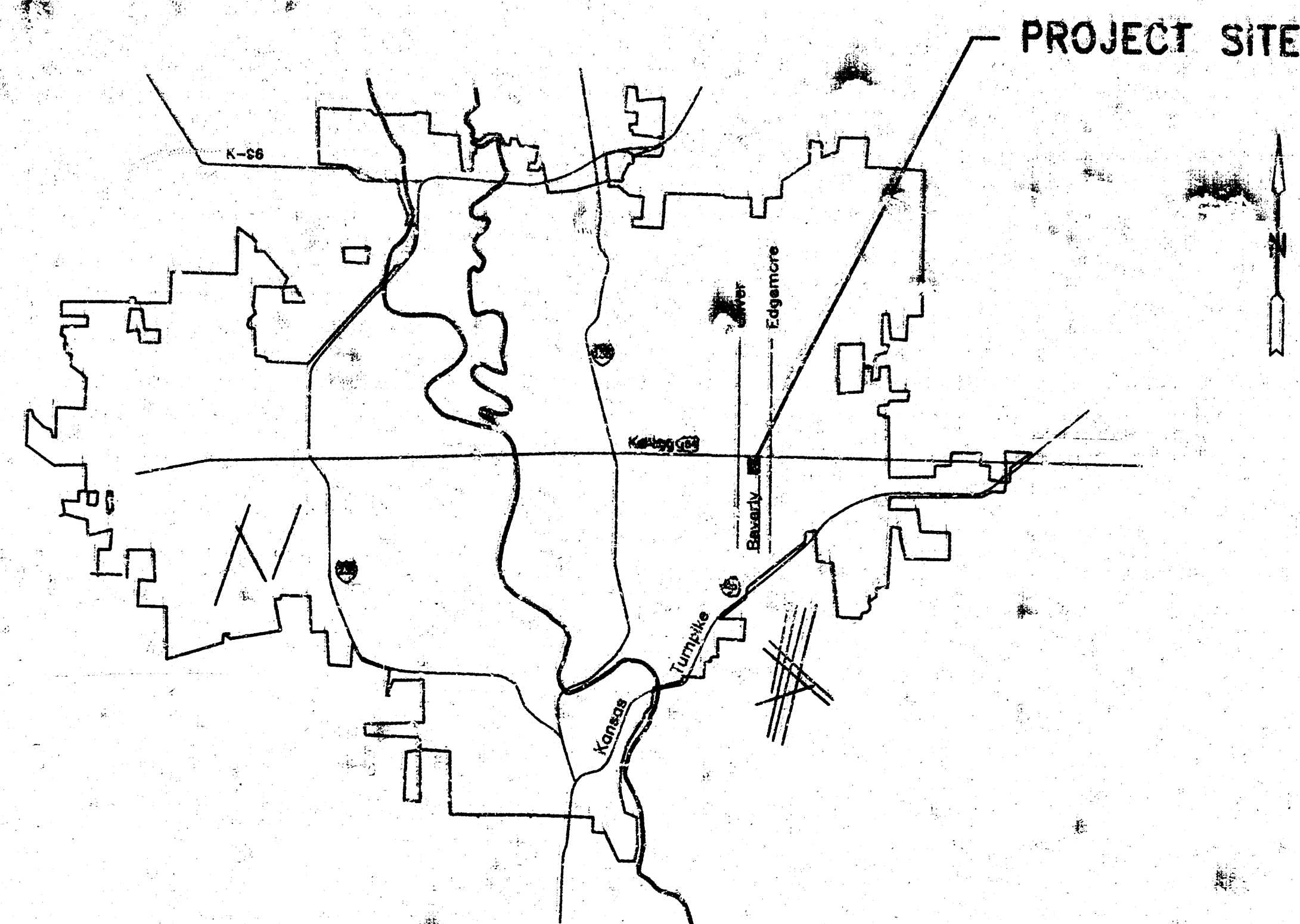
NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION IS 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 THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

NOTES

- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
KANSAS ONE-CALL 687-2470
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

CABLEVISION	262-4270 OR 263-2061
KANSAS GAS & ELECTRIC (GAS)	263-7511
KANSAS GAS & ELECTRIC (ELECTRIC)	264-1141
ARKLA GAS COMPANY	942-8350 OR 263-8161
SOUTHWESTERN BELL TELEPHONE	1-571-2011
CITY OF WICHITA WATER DEPT.	268-4808
CITY OF WICHITA SEWER MAINTENANCE	268-4071
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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.
- UNLESS OTHERWISE SPECIFIED ON THE PLANS, MANHOLES MAY BE TYPE "P", "C" OR "D" MANHOLES. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.
- TRAFFIC WILL NOT BE AFFECTED IN THIS AREA OF CONSTRUCTION.



INDEX

- Title Sheet
- Key Map
- Manhole Standard Details
- Plan & Profile
- Final Plat - New Western 4th

BENCHMARK

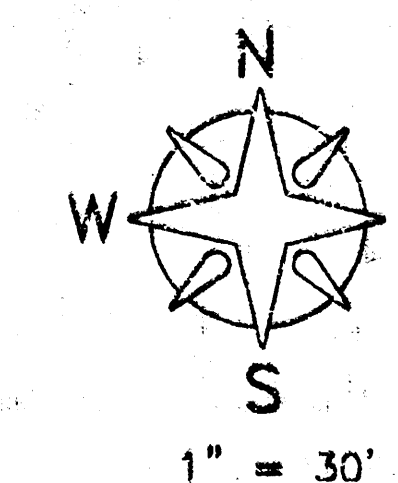
- "X" Top of Curb W. Side Storm Wash in Kellogg Median, 44' N. and 20' E. of NW Cor. Lot 1, New Western 4th Addition. Elev = 153.43' City Datum

Booked
10-28-96
JKB
From As Bldgs

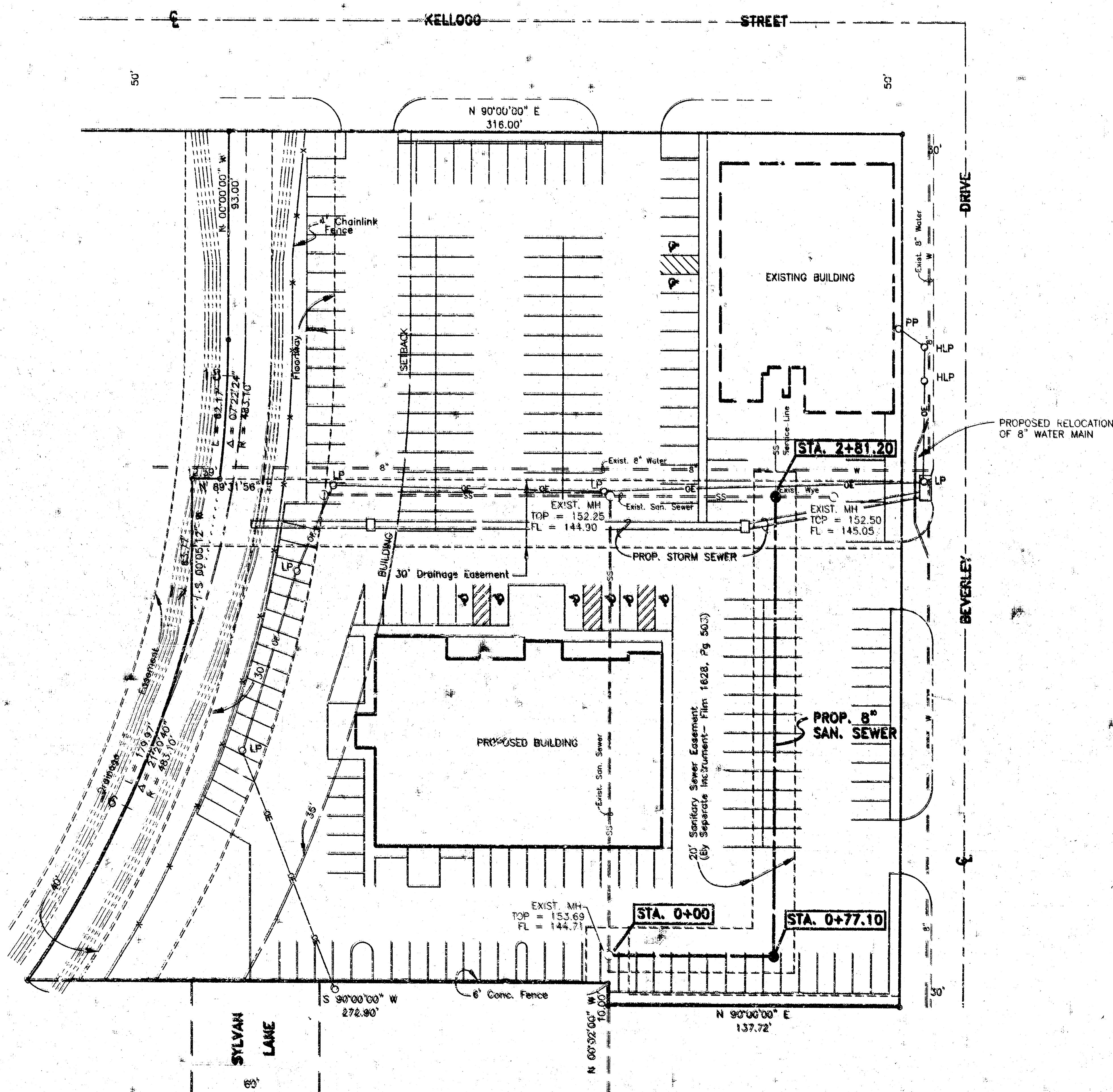


AS BUILT 3/24/12/96
MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA

646PPS



NEW WESTERN 4TH ADDITION

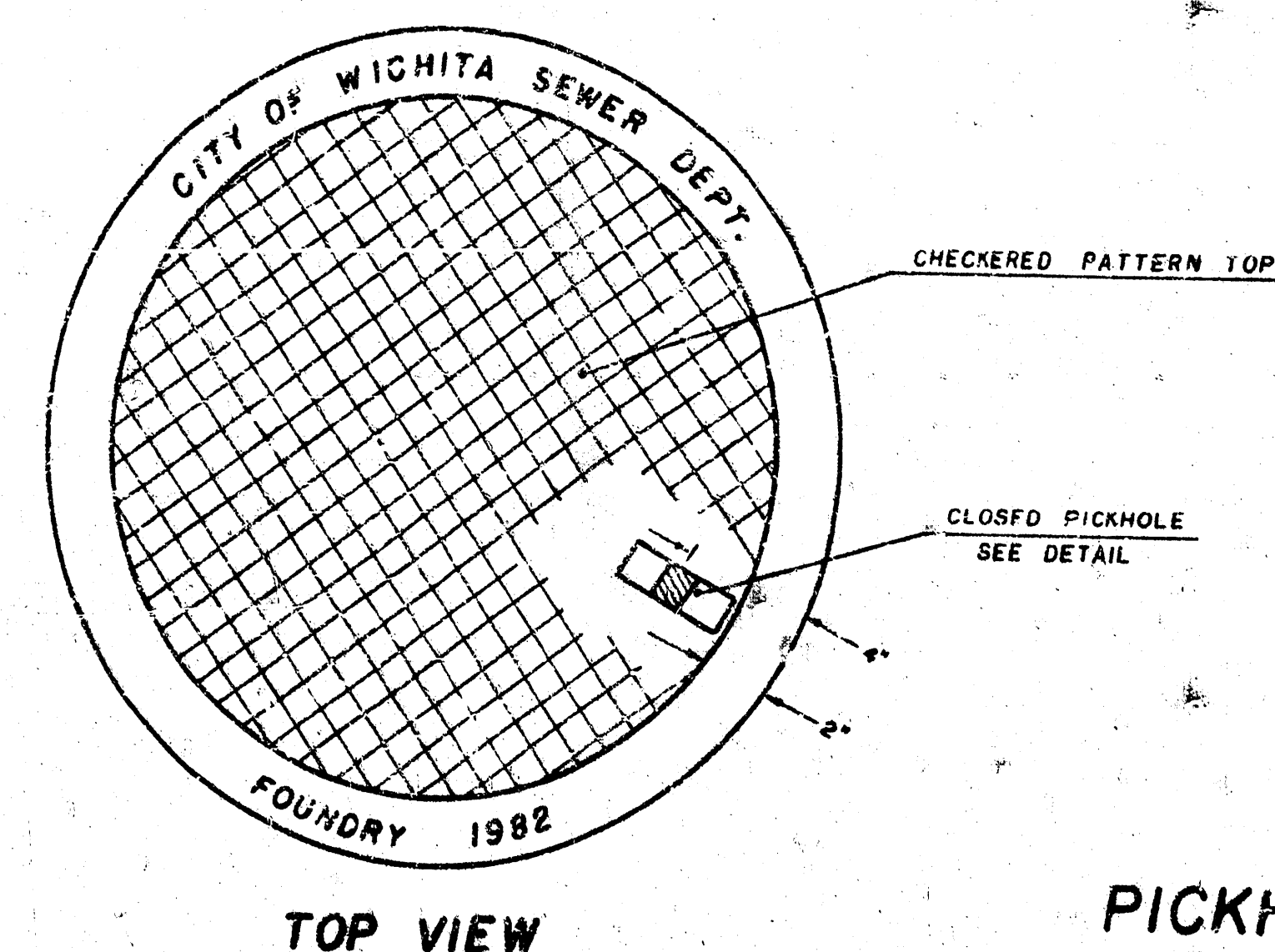


SANITARY SEWER KEY MAP	
MOEHRING & ASSOCIATES	
CONSULTING ENGINEERS - SURVEYORS	
433 S. HYDRAULIC WICHITA, KS.	
(316) 263-8291	
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DATE: JULY 1996	SHEET 2

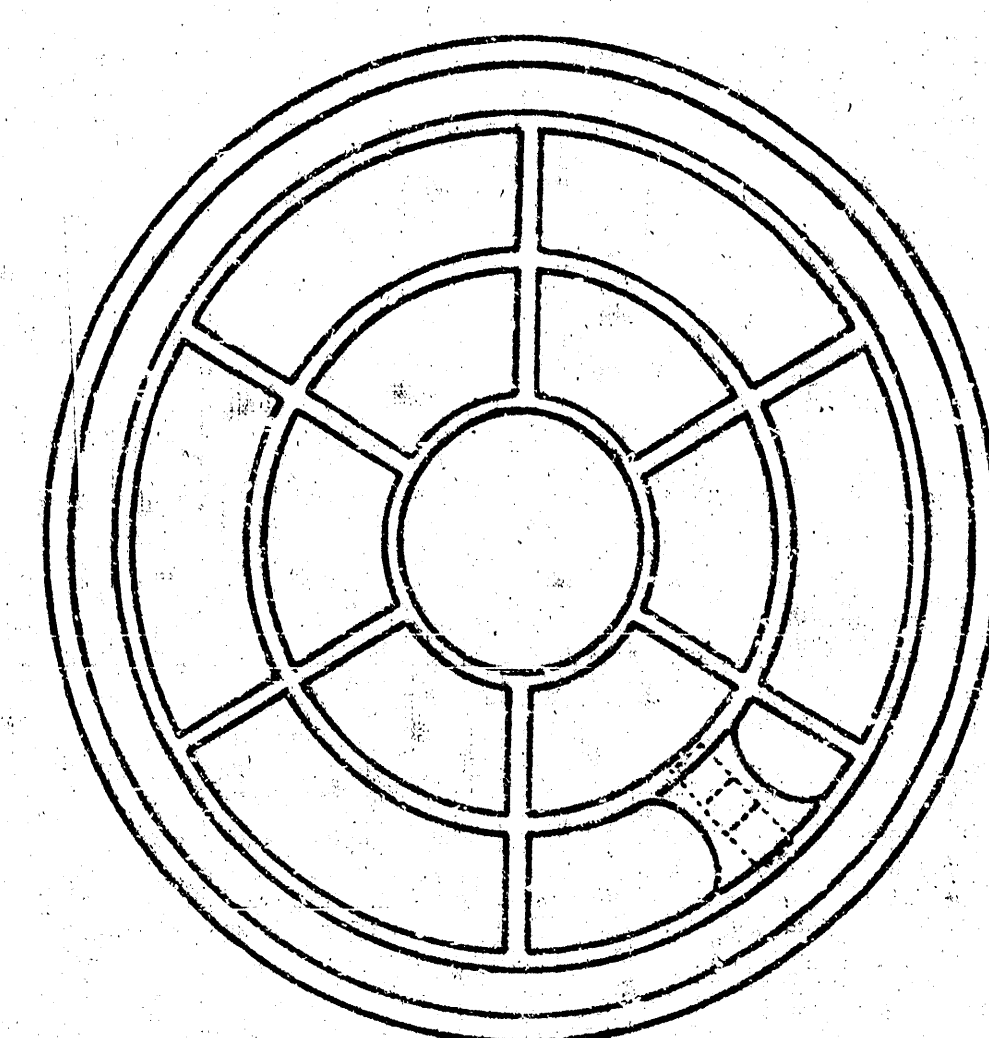
MANHOLE FRAME AND COVER DETAIL

MANHOLE COVER

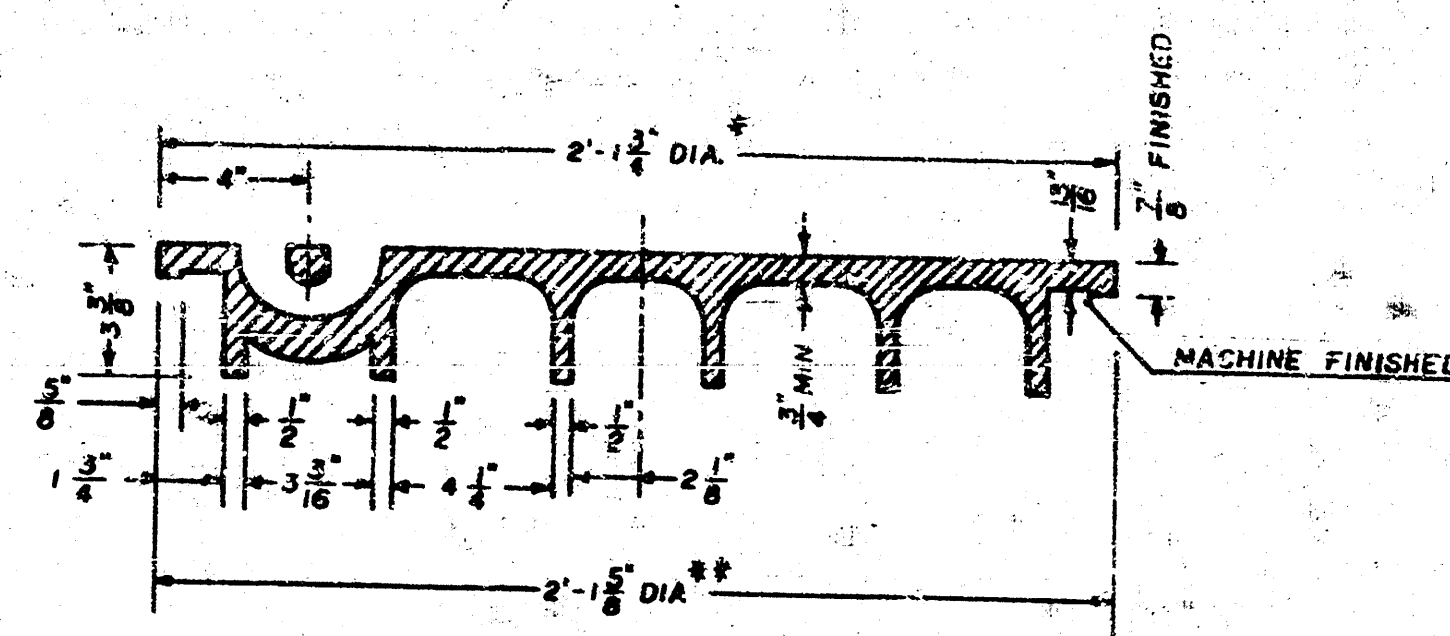
Weight: 180 Lbs.



TOP VIEW



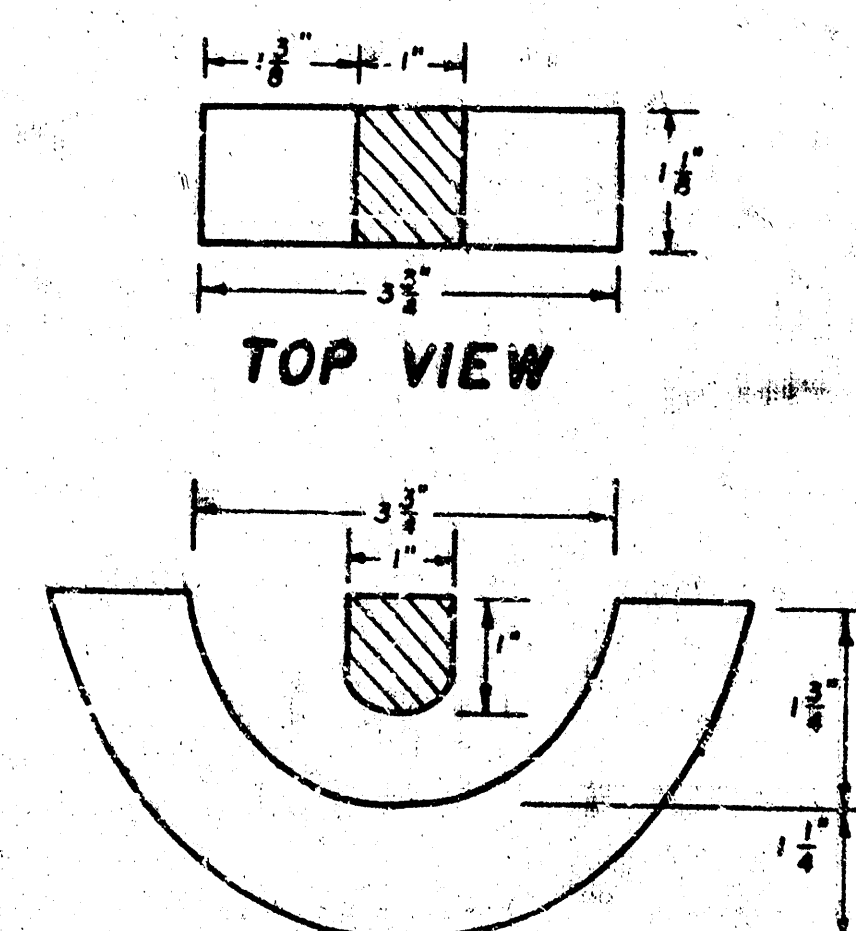
BOTTOM VIEW



SECTION VIEW

* OUTSIDE DIA. TOP OF COVER
** OUTSIDE DIA. BOTTOM OF COVER

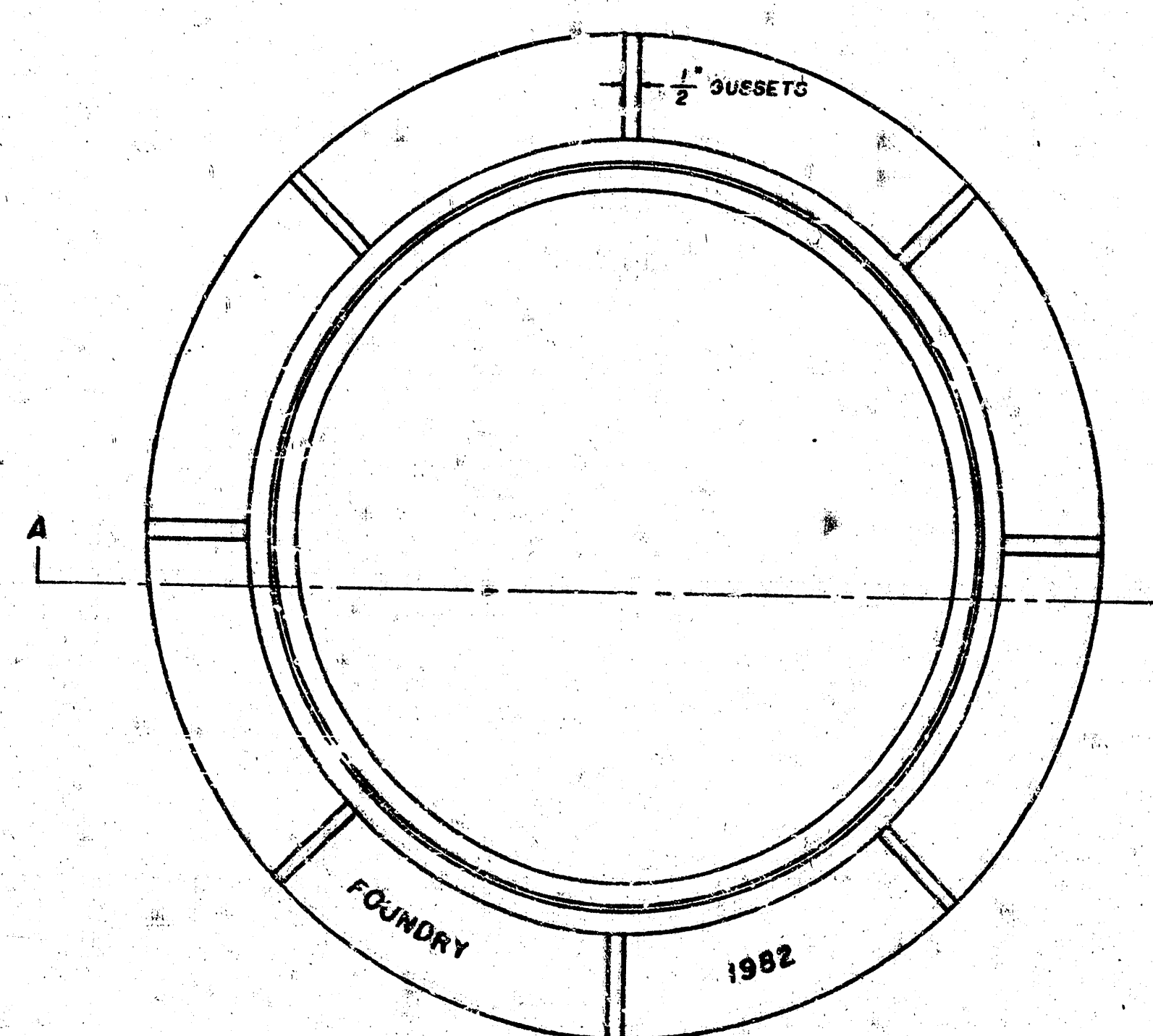
PICKHOLE DETAIL



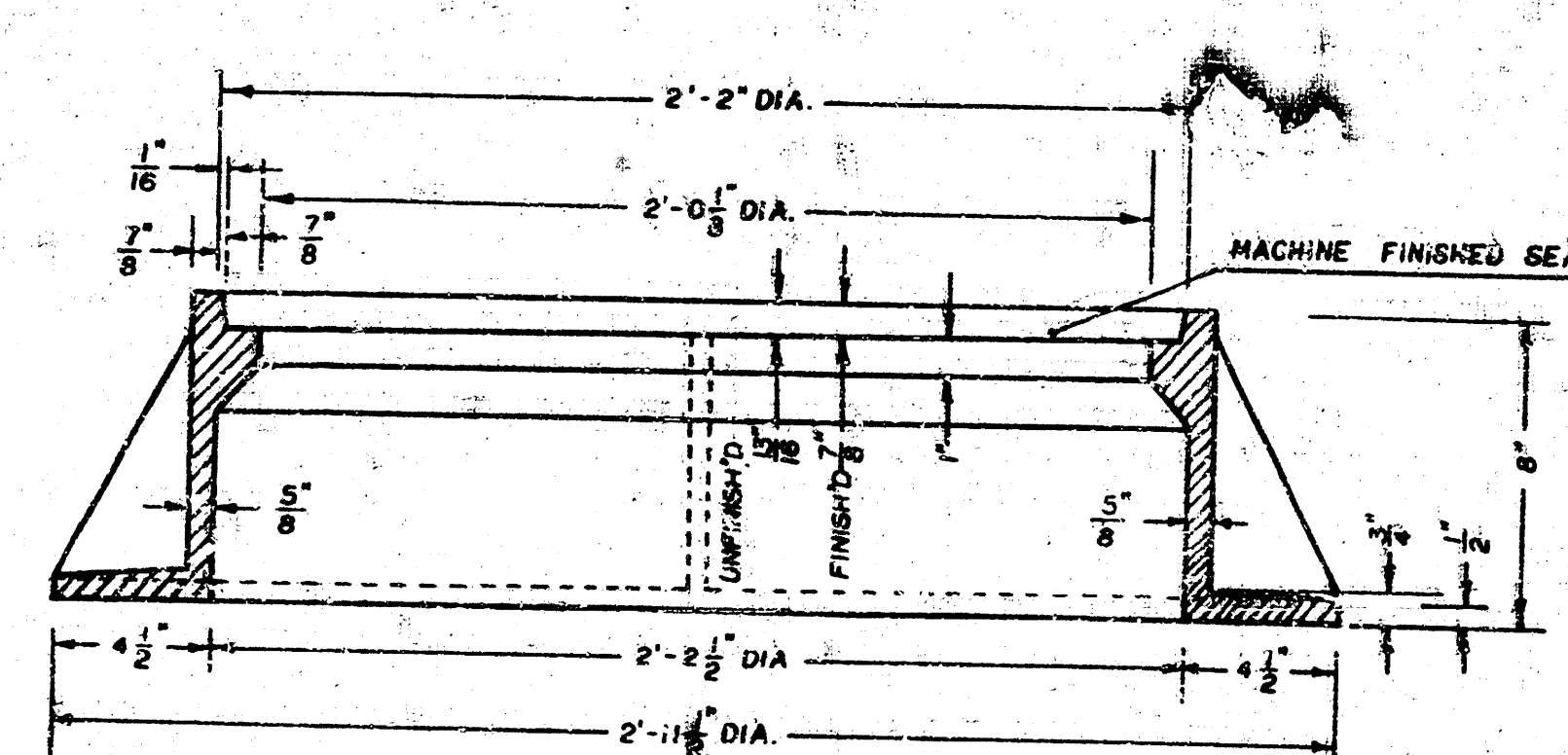
SECTION VIEW

MANHOLE FRAME

Weight: 240 Lbs.



TOP VIEW

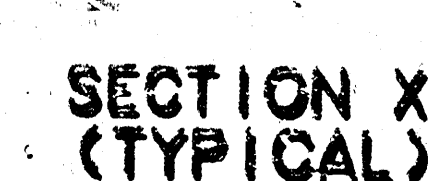
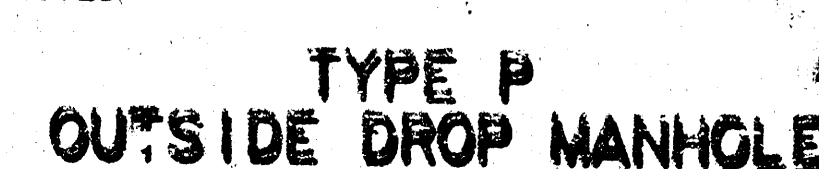


SECTION A-A

GENERAL NOTES

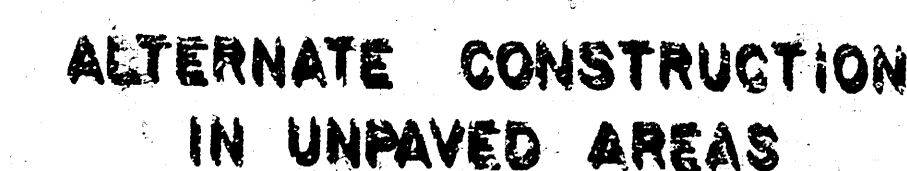
1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.
2. MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.
3. 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.
4. 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 THAT THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.
5. 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" 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.

CITY OF WICHITA

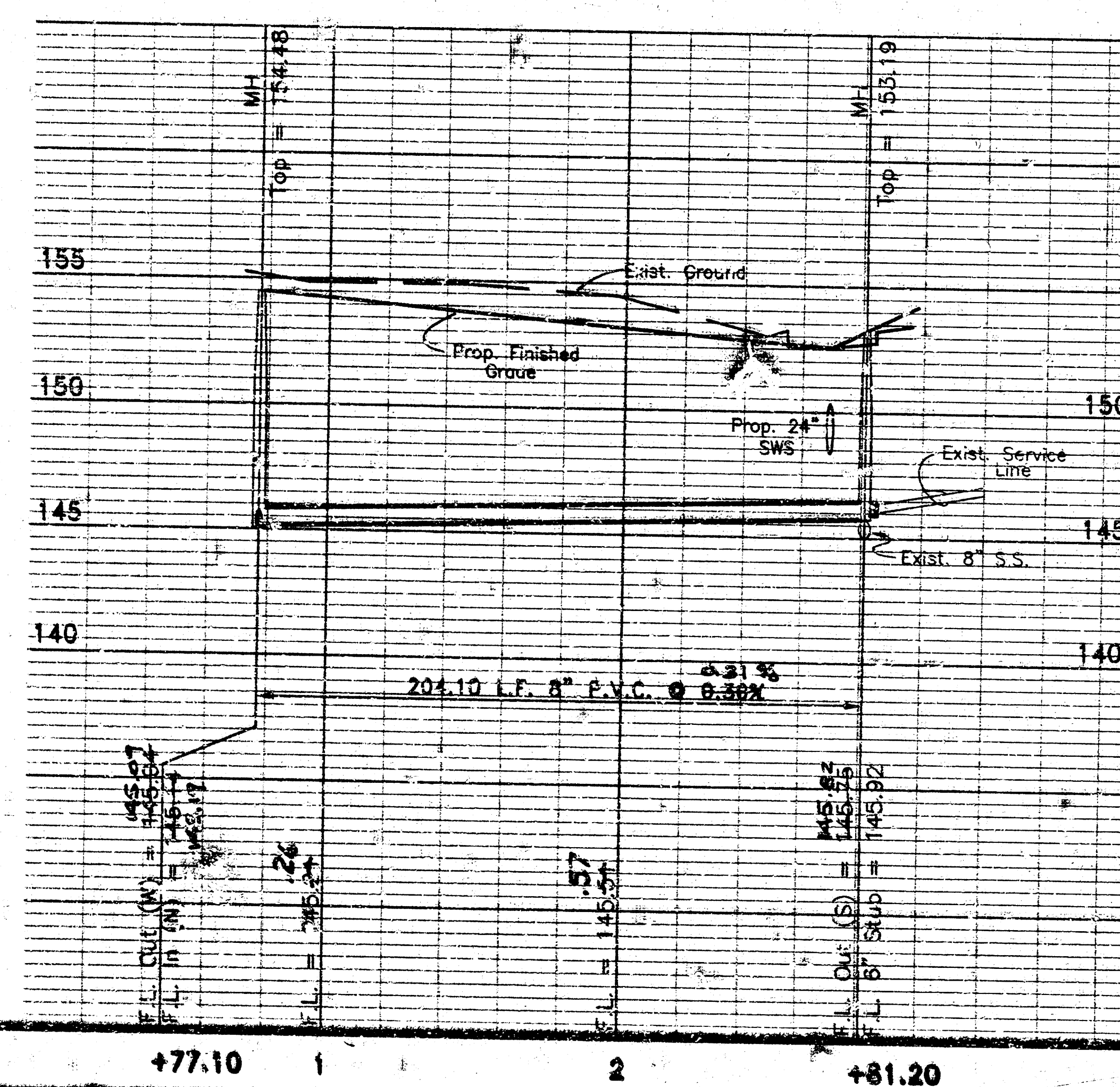
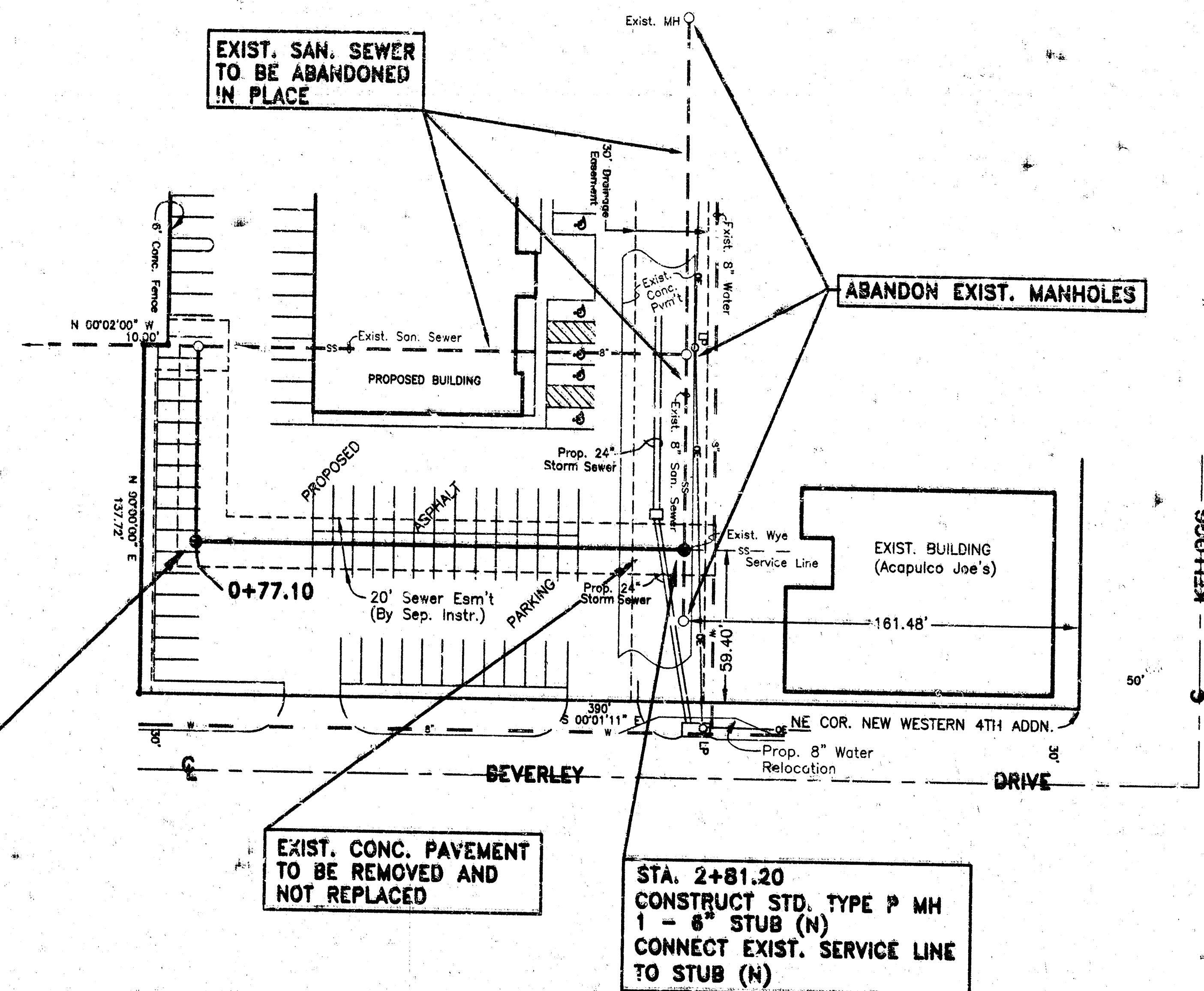


- [illegible]

15. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE RELEVANT CODES AND STANDARDS SPECIFIED IN THE DRAWINGS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
16. THE VERTICAL FREE FALL DROP INSIDE MANHOLES SHALL NOT EXCEED 2' NEVER BE SET LOWER THAN THE CROWN OF INFLOWING PIPE. THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE 600mm OUTSIDE DROP MANHOLES SHALL BE 750mm AND CHAMFERED TO 450mm. ALL OUTSIDE DROP MANHOLES SHALL BE 750mm AND CHAMFERED TO 450mm. ALL OUTSIDE DROP MANHOLES SHALL BE 750mm AND CHAMFERED TO 450mm. ALL OUTSIDE DROP MANHOLES SHALL BE 750mm AND CHAMFERED TO 450mm.
18. A 600mm MANHOLE COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON MANHOLE AND THE CONCRETE COULING. THE COLLAR WILL HAVE 6 RINGS OF 12mm REINFORCING BARS. THE COLLAR SHALL BE 150mm THICK. THE COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR.



REVISED NOV. 1893
NOTE NO. 16 REVISED JAN. 1891
Revised 3-21-89
Revised 8-10-88



**NOTE: PRIOR TO CONSTRUCTION OF
8" SAN. SEWER, CONTRACTOR
SHALL CONFIRM LOCATION OF
EXIST. WYE AND MAKE ANY
FIELD ADJUSTMENTS AS NEC-
ESSARY FOR LOCATION.**

SANITARY SEWER PLAN & PROFILE

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS - SURVEYORS

433 S. HYDRAULIC WICHITA, KS.
(316) 263-8291

PRIVATE PROJ. NO. 84SPFS / INDEX NO. 607861

DATE: JULY 1996 SHEET 5

WICHITA, SEDGWICK COUNTY, KANSAS

14-5-5-5
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