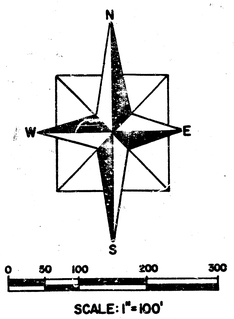
SILVER SPRINGS

LOT 2, BLOCK 1, SILVER SPRINGS

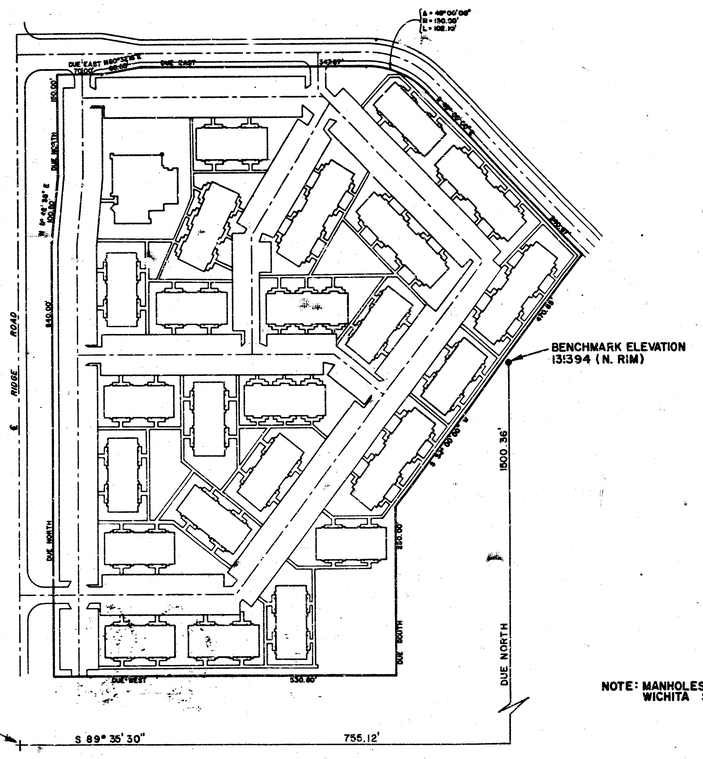
AN ADDITION TO THE CITY OF WICHITA, KANSAS

SANITARY SEWER PLAN

PROJECT # 468-76-245-80000-000-000-008

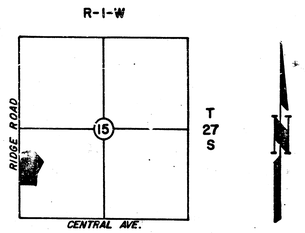


SCALE: 1"=100'



NOTE: MANHOLES ARE TO BE CITY OF WICHITA STANDARD TYPE A OR C

BENCHMARK: APPROXIMATELY 755.12 FEET EAST AND 1500.36 FEET NORTH OF THE SOUTHWEST CORNER OF THE SW/4 OF SECTION 15, T-27-S R-1-W.



LOCATION MAP

OWNER:

FLOYD R. HARDESTY
4606 SOUTH GARNETT
TULSA, OKLAHOMA
74145
PHONE: 622-3600

GENERAL NOTES

ALL CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH CITY OF WICHITA SPECIFICATION

EXISTING UNDERGROUND LINES HAVE BEEN SHOWN TO THE EXTENT KNOWN AND LOCATIONS ARE APPROXIMATE, THE EXACT LOCATIONS AND NOTIFICATION OF THE PROPER AGENCY IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY EXCAVATION.

LEGEND

- (00) O STANDARD 4' I.D MANHOLE & NUMBER
- (0) O STANDARD LAMPHOLE & LETTER
- (0) O CONNECTION TO EXISTING MANHOLE & LETTER
- ——— 8" VITRIFIED CLAY PIPE UNLESS OTHERWISE NOTED
- STM.---STM STORM SEWER CROSSING
- W.------W WATER CROSSING
- ▨ CAST IRON PIPE

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will prepay the City of Wichita for all costs of inspection.

3-21-84

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers P.E.A.
Storm Sewers
Driveway Approaches

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SANITARY SEWER PLAN SHEET
3	SANITARY SEWER PROFILE SHEET
4	SANITARY SEWER MISC. DETAILS

AL C. YOUNG & ASSOCIATES OF TULSA, INC.
CONSULTING ENGINEERING • PLANNING • ENVIRONMENTAL ANALYSIS

AL C. YOUNG LICENSED 7258 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA, KANSAS
AL C. YOUNG & ASSOCIATES OF TULSA, INC.
808 S. PEORIA • TULSA, OKLA. 74120 • 918/583-4181

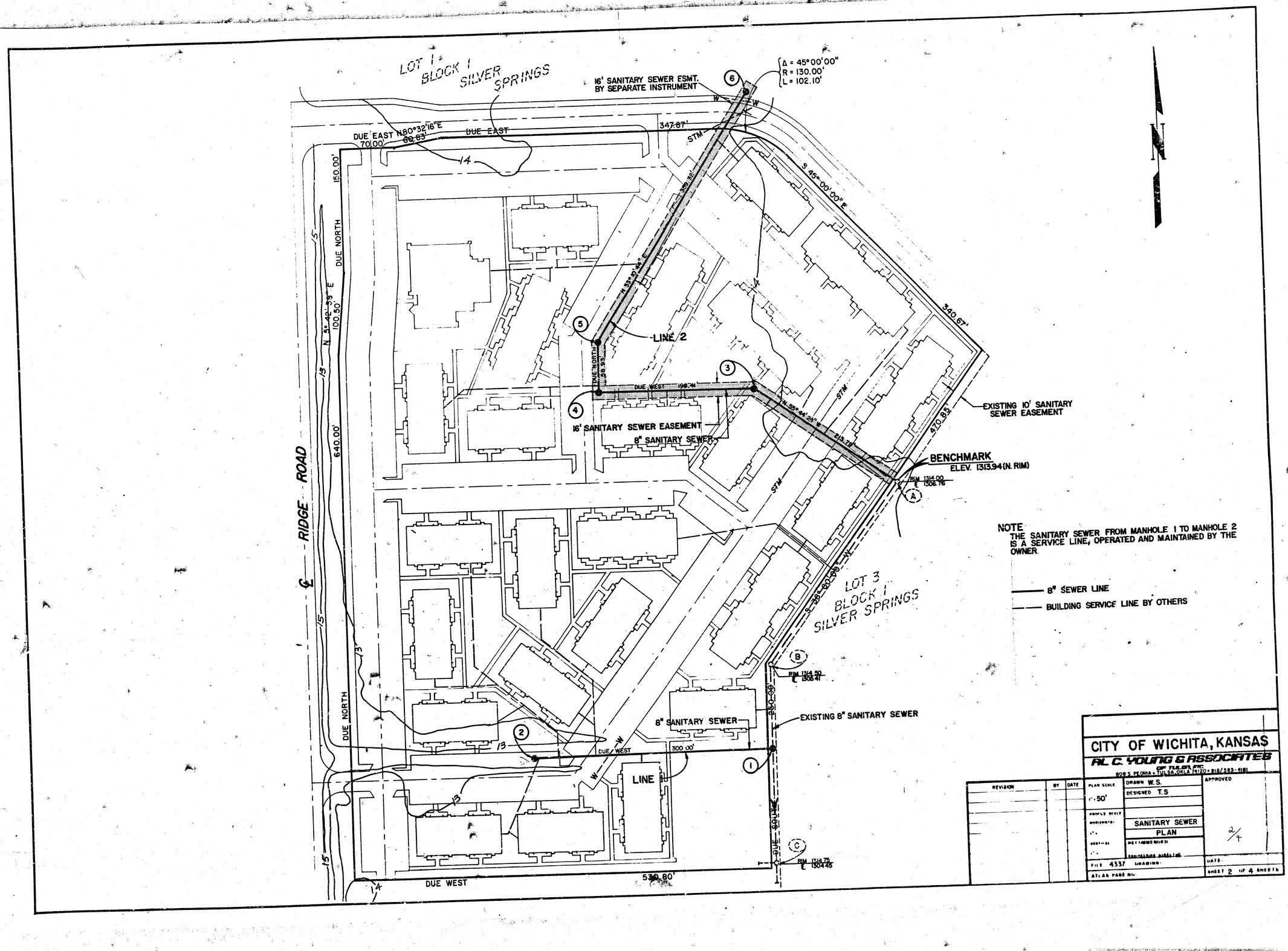
No.	REVISION	BY	DATE

☐ APPROVED FOR CONSTRUCTION, _____
☐ NOT APPROVED FOR CONSTRUCTION.

PLAN SCALE 1"=100' | DRAWN | APPROVED:
DESIGNED
SILVER SPRINGS
PROFILE SCALE HORIZONTAL 1"= | TITLE SHEET
VERTICAL 1"= | RECOMMENDED ENGINEERING DIRECTOR
FILE: 4337 | DRAWING: | DATE:
ATLAS PAGE NO: | SHEET 1 OF 4 SHEETS

1/4

FILMED FROM THE BEST COPY OBTAINABLE



CITY OF WICHITA, KANSAS

AL C. YOUNG & ASSOCIATES

P.E. P.L.S. ETC.

BOB S. PEORIA • TULSA, OKLA. 74120 • 918/583-6181

REVISION	BY	DATE

PLAN SCALE 1"-50'

PROFILE SCALE HORIZONTAL 1" VERTICAL 1"

DRAWN W.S.

DESIGNED T.S

SANITARY SEWER PLAN

RECORD DRAWING

ENGINEERING DRAWING

APPROVED

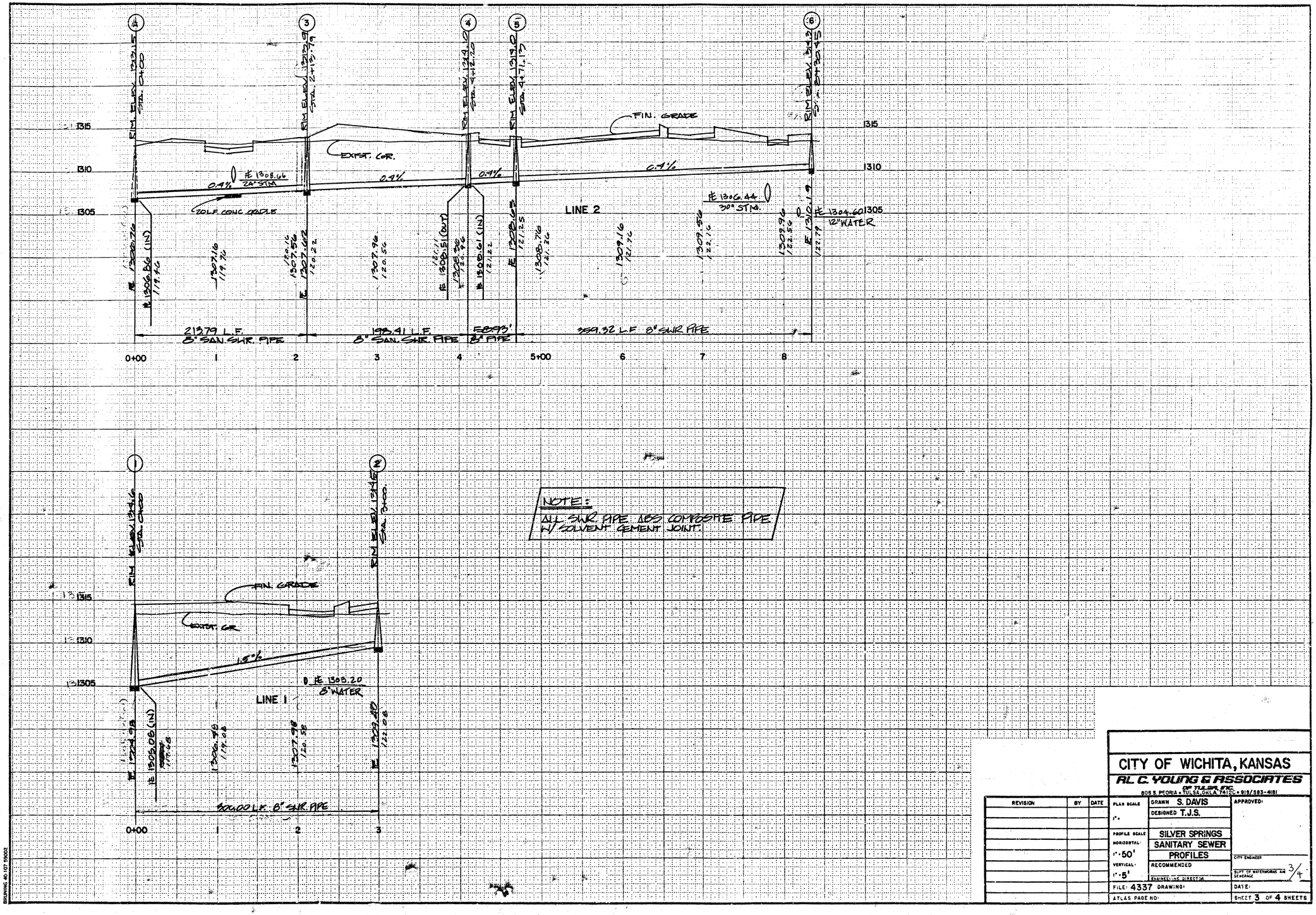
2/4

FILE 4337 DRAWING

ATLAS PAGE NO.

DATE

SHEET 2 OF 4 SHEETS



NOTE:
ALL SWR. PIPE ABS COMPOSITE PIPE W/ SOLVENT CEMENT JOINT.

CITY OF WICHITA, KANSAS

R.L.C. YOUNG & ASSOCIATES
OF TULSA, INC.
808 S. PEORIA • TULSA, OKLA. 74120 • 918/583-4181

REVISION	BY	DATE

PLAN SCALE 1" = ·
DRAWN S. DAVIS
DESIGNED T.J.S.
APPROVED:
PROFILE SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'
SILVER SPRINGS
SANITARY SEWER
PROFILES
RECOMMENDED
ENGINEERING DIRECTOR
CITY ENGINEER
SUPT. OF WATERWORKS AND SEWERAGE
FILE: 4337 DRAWING:
DATE:
ATLAS PAGE NO:
SHEET 3 OF 4 SHEETS

3/4

BRUNING 40-107 59000

MANHOLE FRAME AND COVER DETAIL

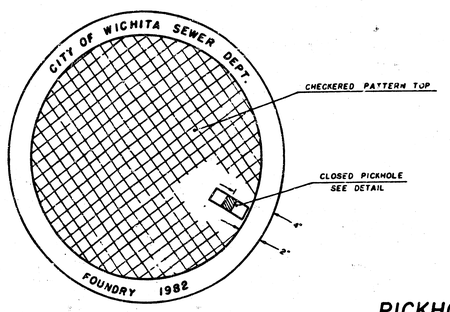
ADOPTED AS STANDARD DESIGN

BY

City of Wichita, Kansas

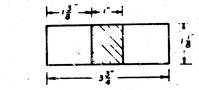
MANHOLE COVER

Weight: 180 Lbs.

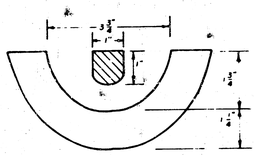


TOP VIEW

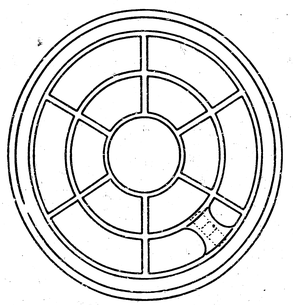
PICKHOLE DETAIL



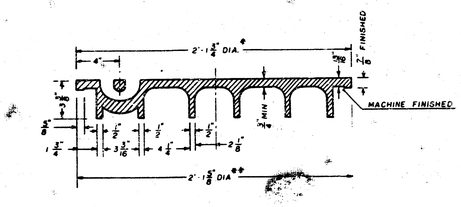
TOP VIEW



SECTION VIEW



BOTTOM VIEW



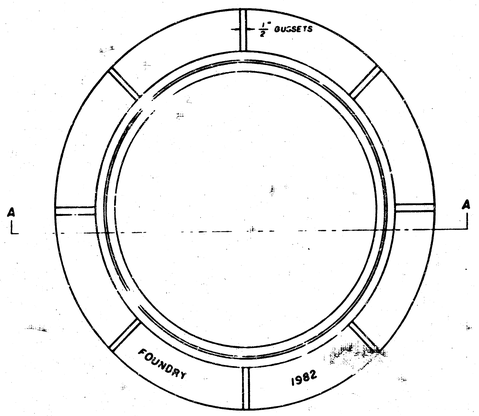
SECTION VIEW

* OUTSIDE DIA TOP OF COVER

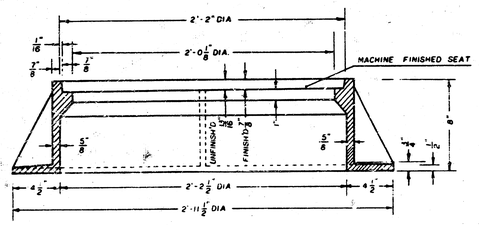
** OUTSIDE DIA BOTTOM OF COVER

MANHOLE FRAME

Weight: 240 Lbs.



TOP VIEW



SECTION A-A

NOTE: MANHOLES ARE TO BE CITY OF WICHITA STANDARD TYPE A OR C

GENERAL NOTES

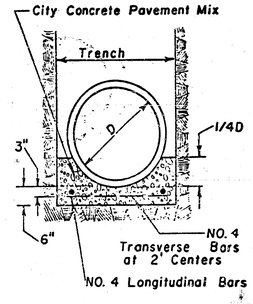
1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE 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.



Detail Of Reinforced Concrete Cradle

JNL DEC 1981

4/4

SHEET 4 OF 4