

# LATERAL 233 S.W.I.

TO SERVE

## THE NETT PARK ADDITION

LOTS 22 THRU 47, BLOCK A

PROJECT NUMBER

468-76-245-81644-000-000-001

THE CITY of WICHITA, KANSAS

MICHAEL E. LINDEBAK  
CITY ENGINEER

### GENERAL NOTES

- 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 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.
- 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.

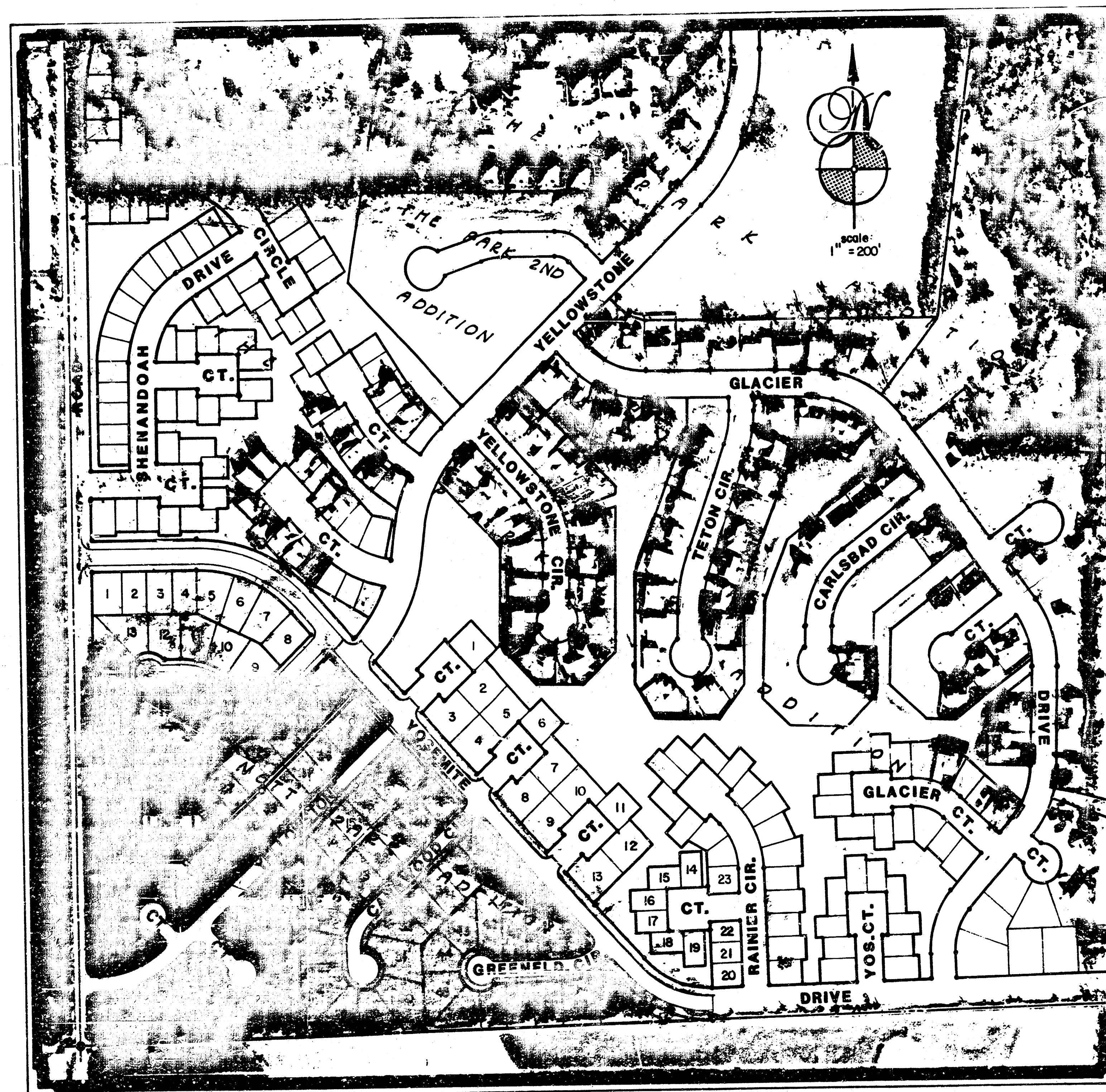
### INDEX OF SHEETS

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### BENCHMARKS

Bench Mark 1 City of Wichita Disc, Maize Rd. and 27th St. South, 25' east, and 4' south of Quarter Sec. Corner. Elev. 145.64 City Datum

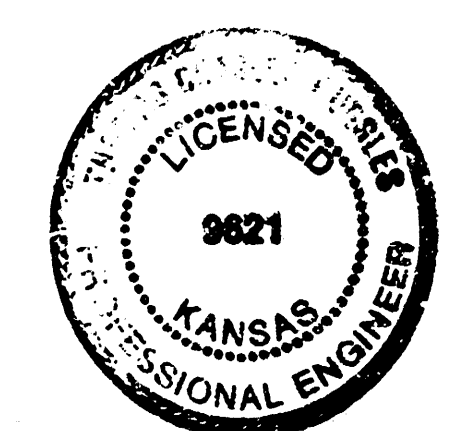
Bench Mark 2 "a" Cut, Top of Curb North end of Existing Northwest Curb Return & Yosemite Dr. and Yellowstone. Elev. 139.98 City Datum



PHASE TWO

BENEFIT DISTRICT ———

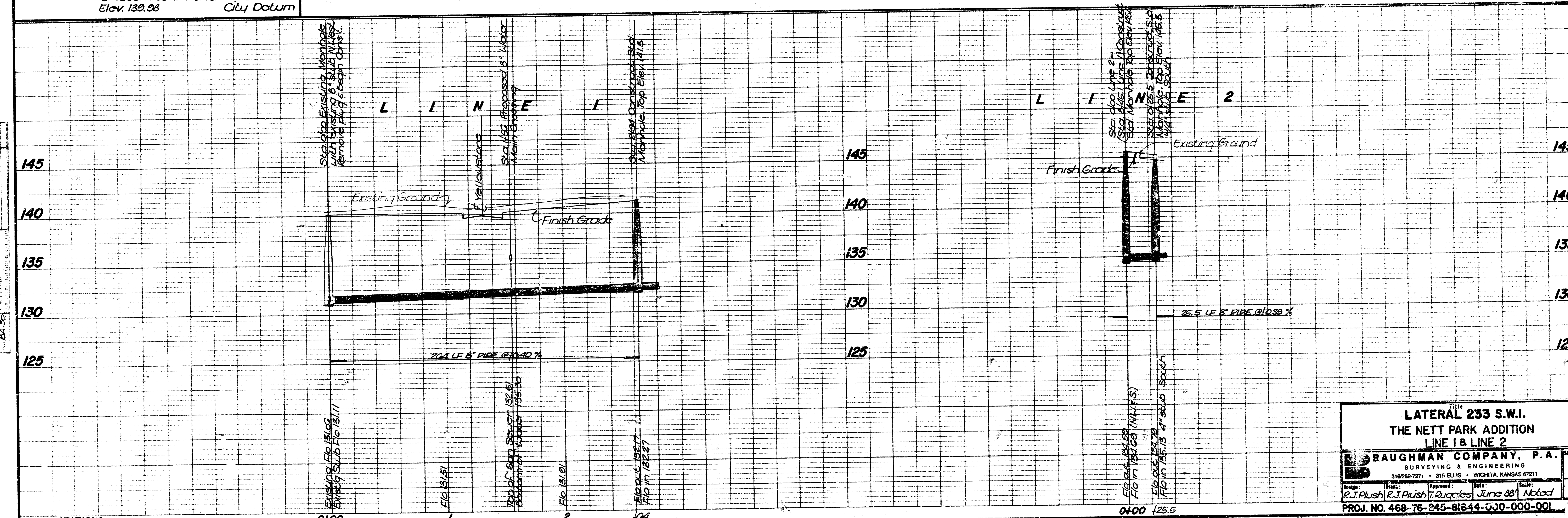
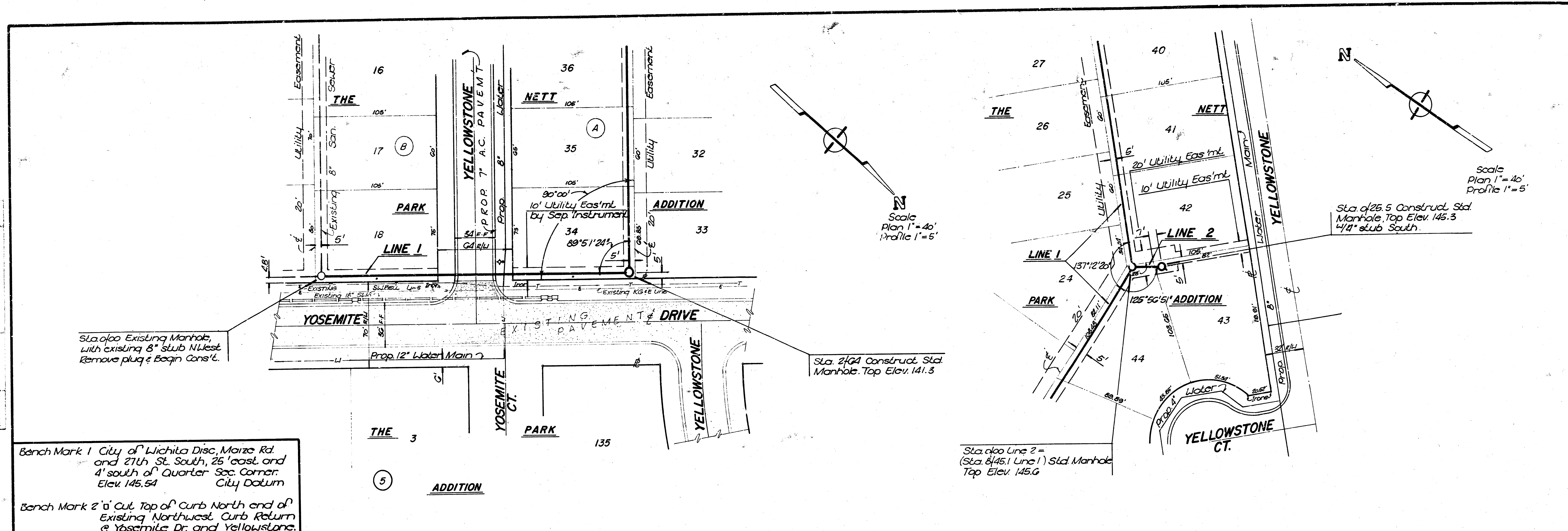
Built per plan  
12-88 ZOL



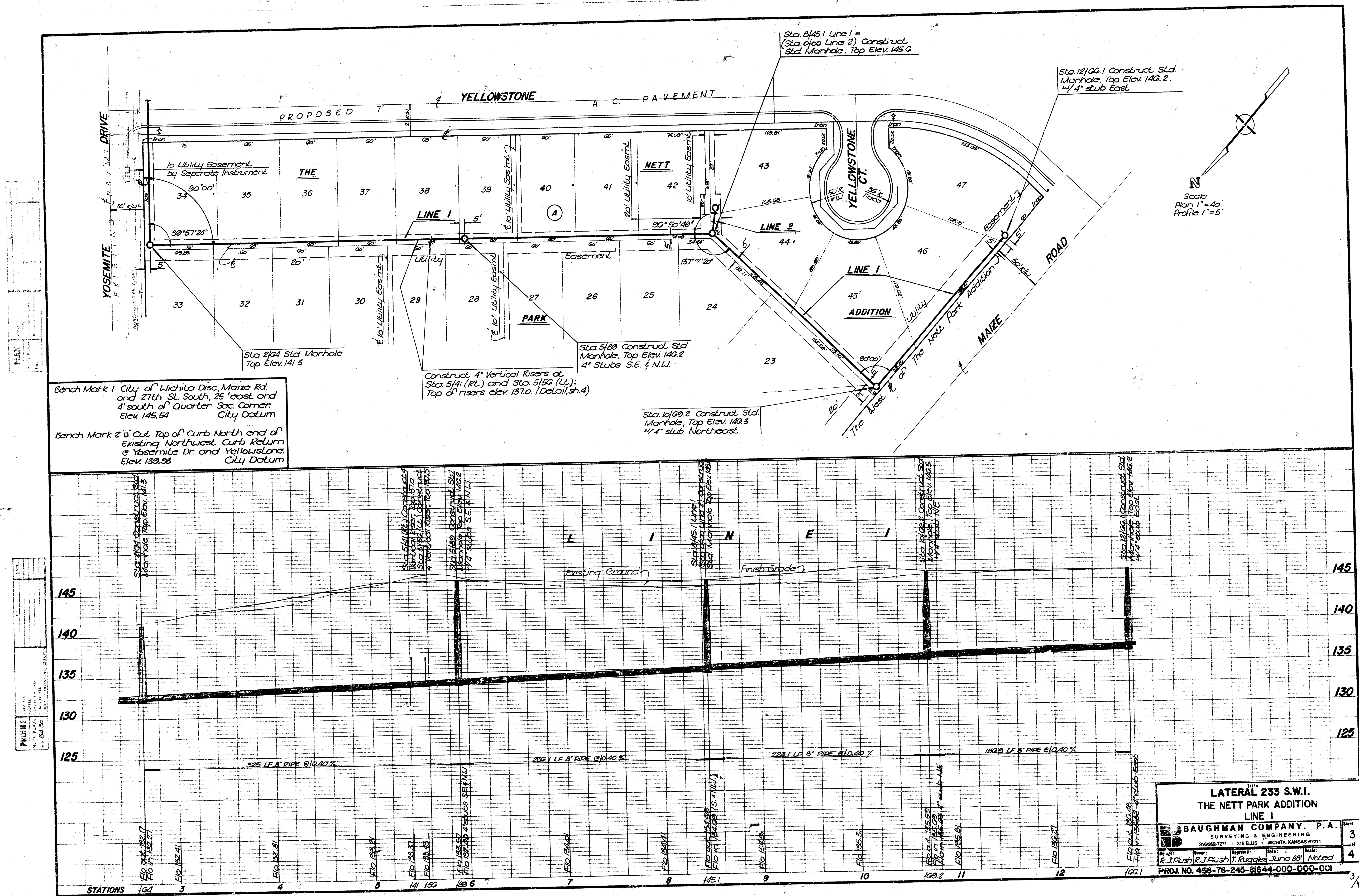
JUNE 21, 1988

|                                                                                                      |                         |                  |                     |
|------------------------------------------------------------------------------------------------------|-------------------------|------------------|---------------------|
| TITLE SHEET                                                                                          |                         |                  |                     |
| BAUGHMAN COMPANY, P.A.<br>SURVEYING & ENGINEERING<br>316262-7271 • 315 ELLIS • WICHITA, KANSAS 67211 |                         |                  |                     |
| Drawn:<br>R.J. Plush                                                                                 | Reviewed:<br>T. Ruggles | Date:<br>June 88 | Scale:<br>1" = 200' |

FILMED FROM THE BEST  
AVAILABLE COPY ....



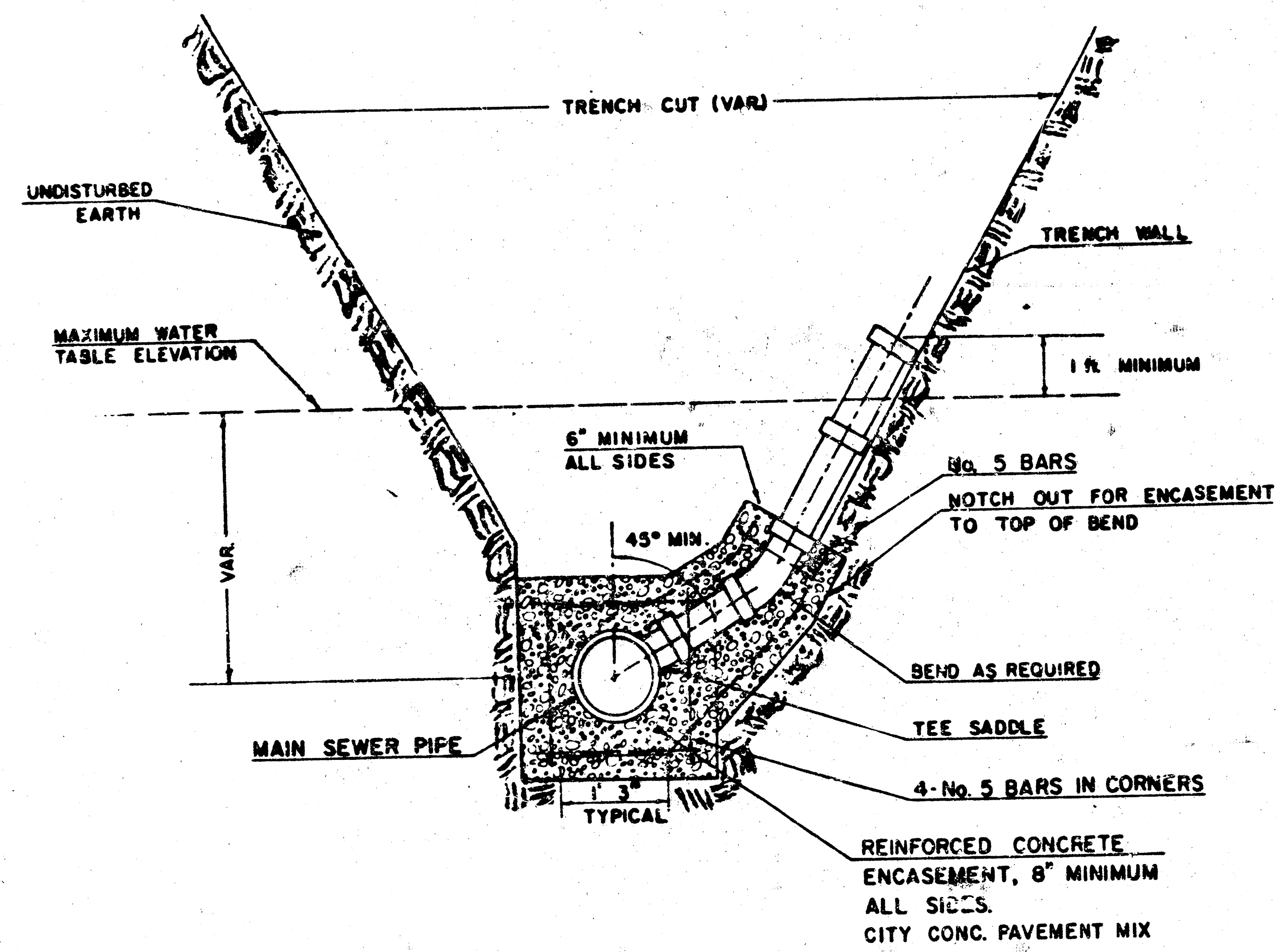
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# VERTICAL RISER DETAIL

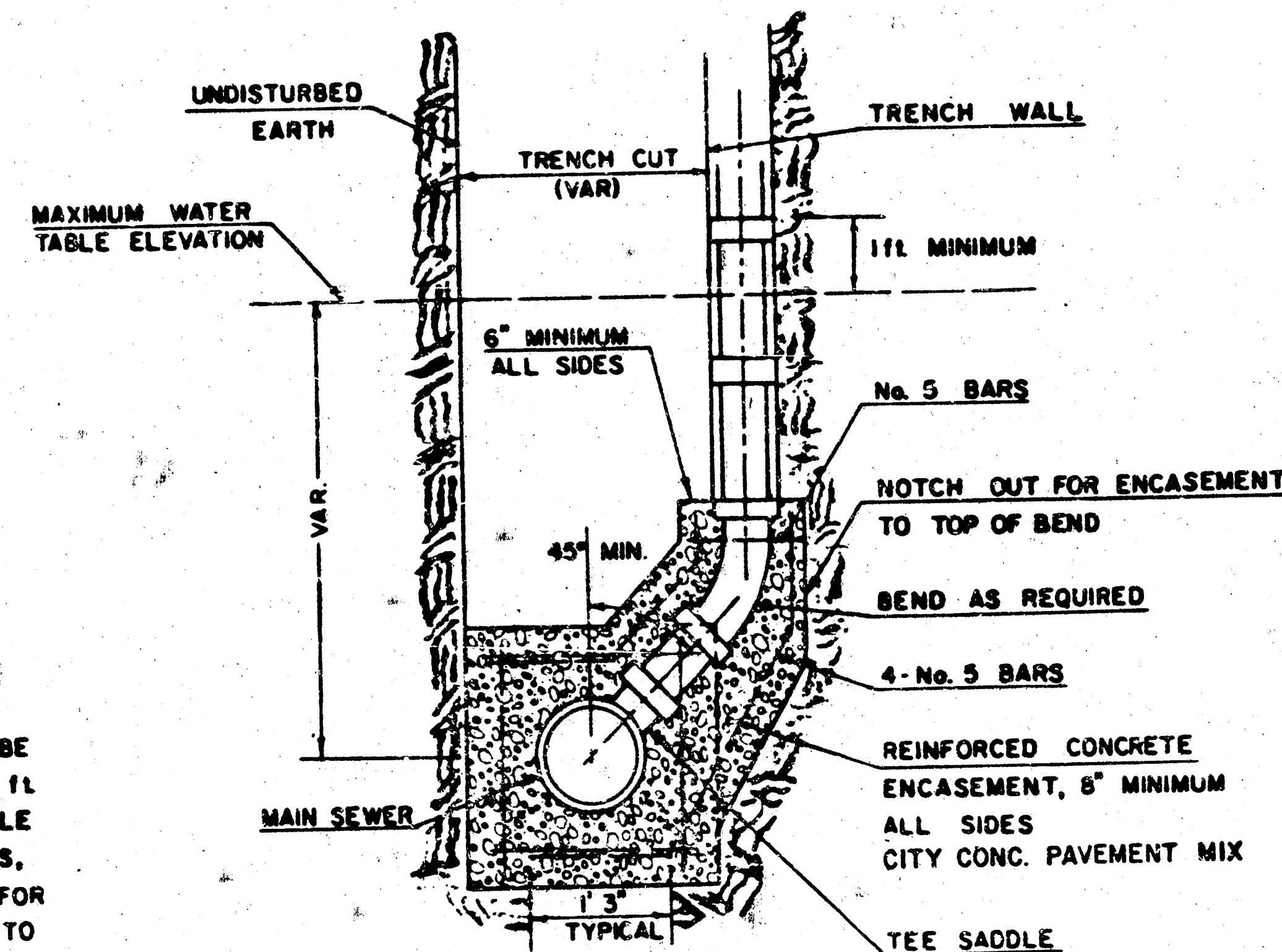
ADOPTED AS STANDARD DESIGN  
BY

CITY OF WICHITA, KANSAS

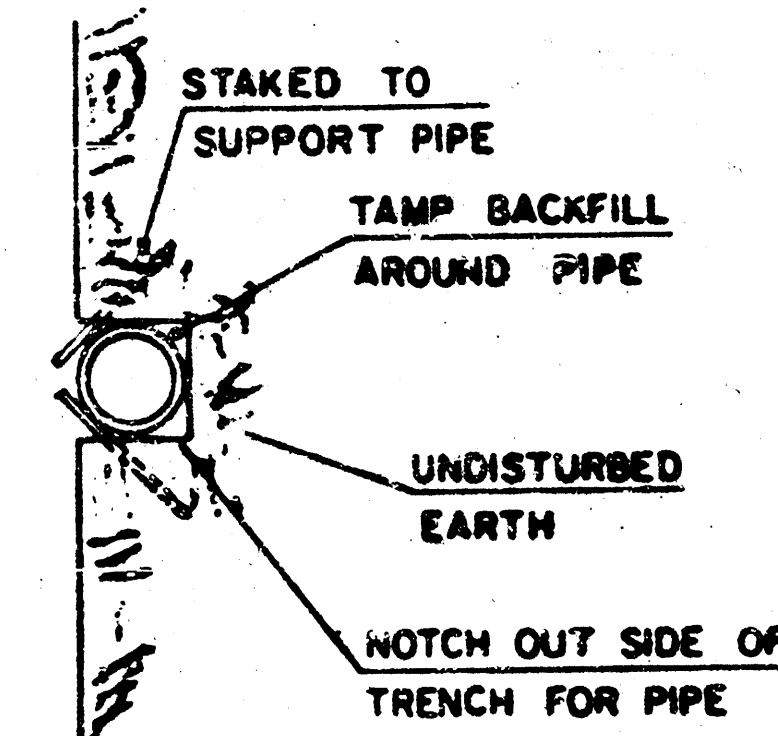


TYPICAL RISER FOR SLOPING TRENCH WALLS

NOTE:  
TOP OF 4\"/>



TYPICAL RISER FOR VERTICAL TRENCH WALLS



## GENERAL NOTE

RISERS SHALL BE INSTALLED TO SERVE ALL LOTS OR TRACTS WHEN THE MAIN SEWER LINE IS BELOW THE WATER TABLE. RISERS SHALL ALSO BE INSTALLED TO SERVE ALL LOTS AND TRACTS WHEN THE MAIN SEWER LINE DEPTH IS SUCH THAT WOULD MAKE THE BUILDING SEWER LINE CONNECTION DIFFICULT. THAT WOULD MAKE THE BUILDING SEWER LINE CONNECTION DIFFICULT. INSTALLATION OF RISERS BECAUSE OF MAIN LINE SEWER DEPTH SHALL BE AS APPROVED BY THE ENGINEER. THE LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. PIPE STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER. THE VERTICAL DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE PIPE STUB AND THE FLOW LINE OF THE MAIN SEWER LINE SHALL NOT EXCEED 4 FT. PERMIT THE TOP OF THE INSIDE OF THE STUB TO MATCH THE TOP OF THE INSIDE OF THE MAIN SEWER PIPE. PIPE STUBS AND RISERS INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY SHALL BE 6 INCH. PIPE STUBS AND RISERS INSTALLED TO SERVE RESIDENTIAL PROPERTY MAY BE EITHER 6 INCH OR 4 INCH DEPENDING UPON THE AVAILABLE GRADE AND THE SIZE OF THE LOT AS DETERMINED BY THE FIELD ENGINEER. ENCASUREMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER CLAY PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASUREMENT OF A.S.T.M. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM OF 3 FT. ON BOTH SIDES OF THE CENTERLINE OF THE RISER. FOUR INCH AND SIX INCH RISER PIPE SHALL BE ENCASED WITH CONCRETE TO THE TOP OF THE BEND AS INDICATED IN THE DRAWINGS. FOUR INCH AND SIX INCH CLAY PIPE USED FOR RISERS SHALL BE EXTRA STRENGTH PIPE CONFORMING TO THE REQUIREMENTS OF THE LATEST EDITION OF A.S.T.M. DESIGNATION C700 WITH COMPRESSION JOINTS AS SPECIFIED FOR CLAY PIPE IN THE STANDARD SPECIFICATIONS. FOUR INCH AND SIX INCH A.S.T.M. OR P.V.C. PIPE SHALL BE PIPE APPROVED FOR USE IN THE CITY BY THE CHIEF FLOODING AND MECHANICAL INSPECTOR FOR THE CENTRAL INSPECTION DIVISION OF THE DEPARTMENT OF HOUSING AND ECONOMIC DEVELOPMENT. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN COLORED PLASTIC TAPE TO THE END OF THE RISER WHICH SHALL BE EXTENDED TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED. THE ENDS OF THE RISER PIPE AND MANHOLE STUBS SHALL BE CAPPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE PIPE. CONTRACTOR'S METHODS FOR SUPPORTING AND BACKFILLING RISER PIPE SHALL BE APPROVED BY THE ENGINEER.

FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4\"/>

THE PROJECT INSPECTOR SHALL REPORT ON INSPECTOR CARDS THE LOCATION OF ALL RISERS CONSTRUCTED AS MEASURED FROM THE NEAREST MANHOLE, THE DIRECTION OF SERVICE, THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES INVOLVED. THE PROJECT INSPECTOR SHALL ALSO REPORT ON INSPECTOR CARDS THE LOCATION, DIRECTION OF SERVICE, AND SIZE OF ALL STUBS INSTALLED IN MANHOLES.

|                                       |       |                                                  |              |
|---------------------------------------|-------|--------------------------------------------------|--------------|
| LATERAL 233 S.W.1.                    |       |                                                  |              |
| THE NETT PARK ADDITION                |       |                                                  |              |
| VERTICAL RISER DETAIL                 |       |                                                  |              |
| BAUGHMAN COMPANY                      | P. A. | SHEET                                            | 4            |
| SURVEYING & ENGINEERING               |       | 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211 |              |
| DESIGN                                | DRAWN | APPROVED                                         | DATE         |
|                                       |       |                                                  | June 2, 1964 |
| PROJ. NO. 46-76-245-31644-000-000-001 |       | 2                                                |              |