

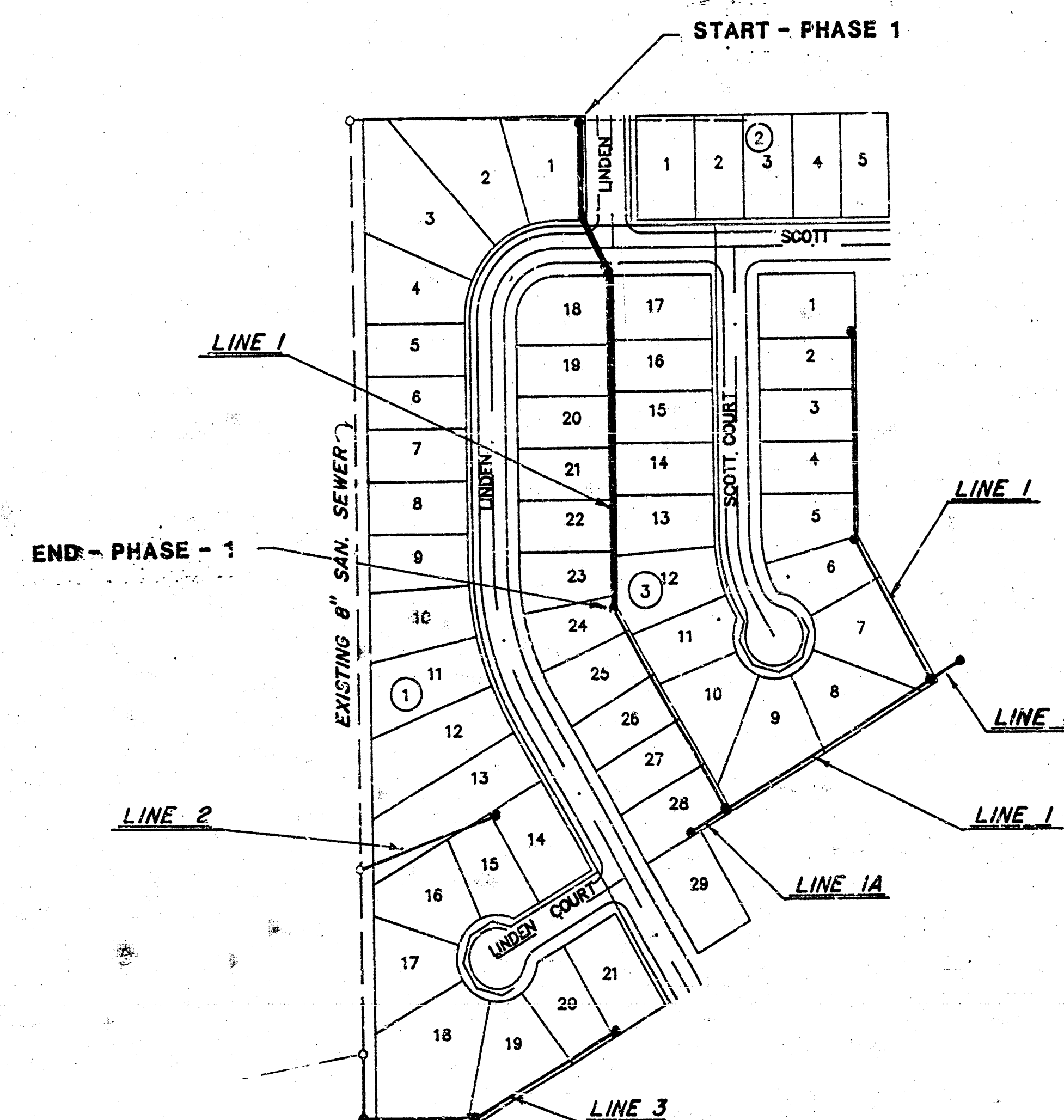
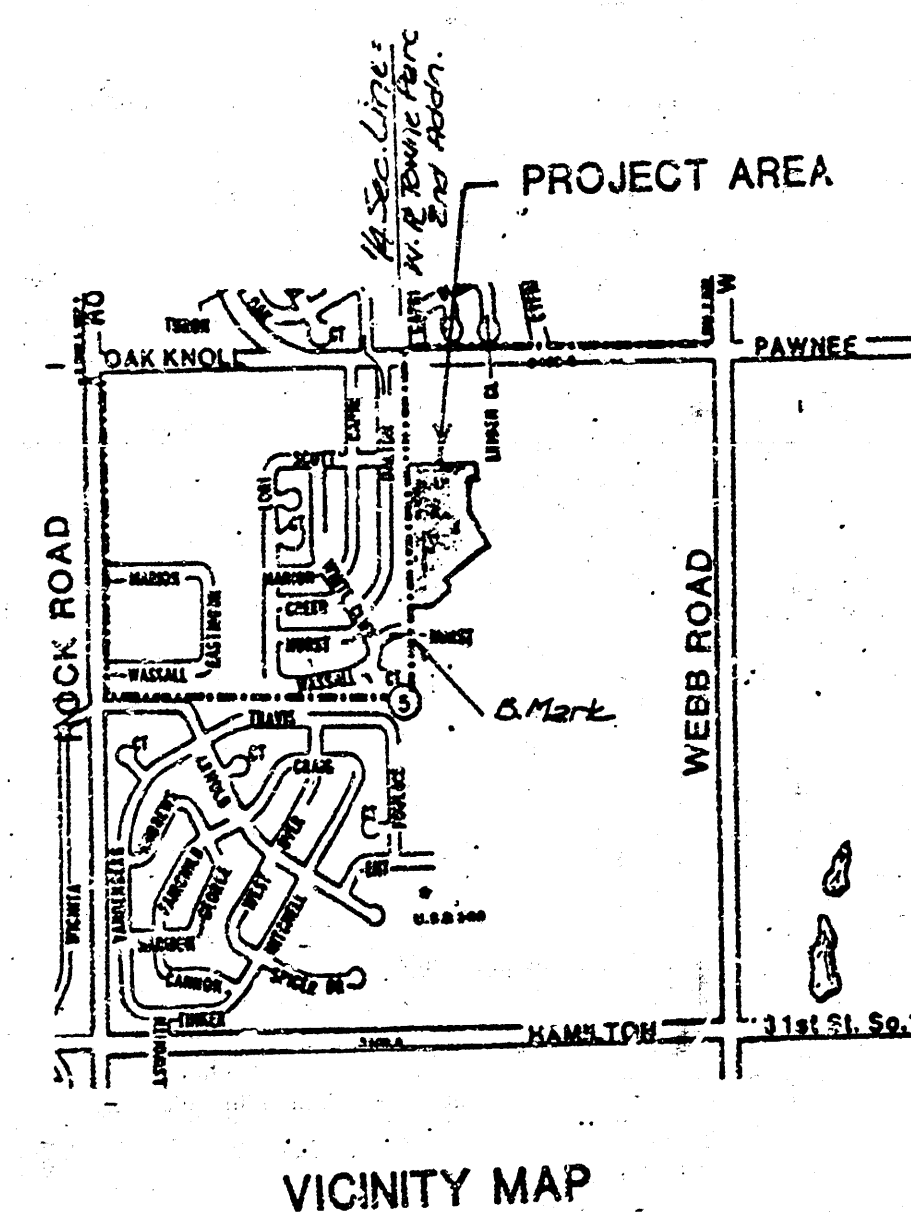
PHASE 1

Private Sanitary Sewer Extension To Serve TOWNE PARC 2ND ADDITION

Project No.
468-76-245-80001-000-000-177
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

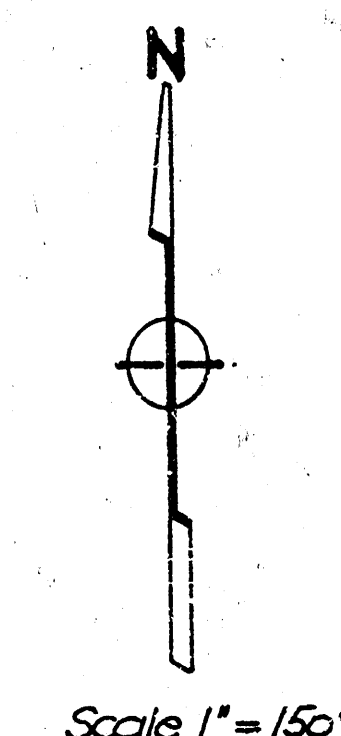
Index to the Plans

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REMAINING LINES TO BE CONSTRUCTED UNDER A FUTURE PROJECT

Location Map



General Notes

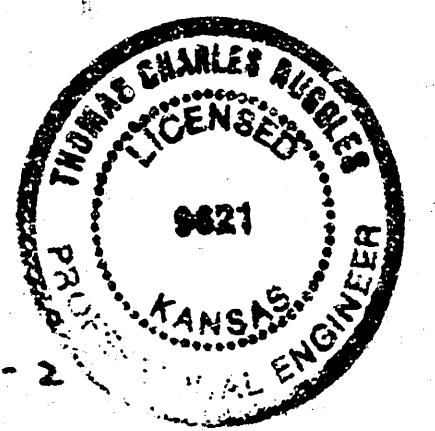
- Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers *9/26 8/10/88*
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Pavement _____

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 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.



AS-BUILT (PHASE I) sheets 1-2
9-27-88 TCR

RNL

BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/282-1271 • 315 ELLIS • WICHITA, KANSAS 67211

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AVAILABLE COPY

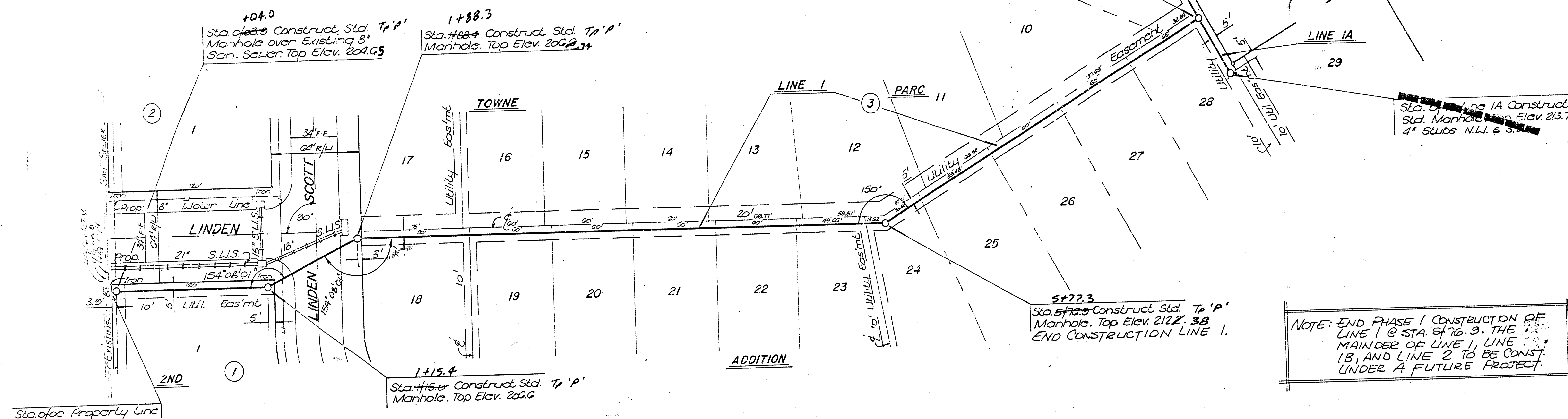
BENCHMARKS

Bench Mark 1: 1" Cut Top of Curb 28' ± W. of 1/4 Section Line, S. side of Hurst. Elevation 211.22 City Datum

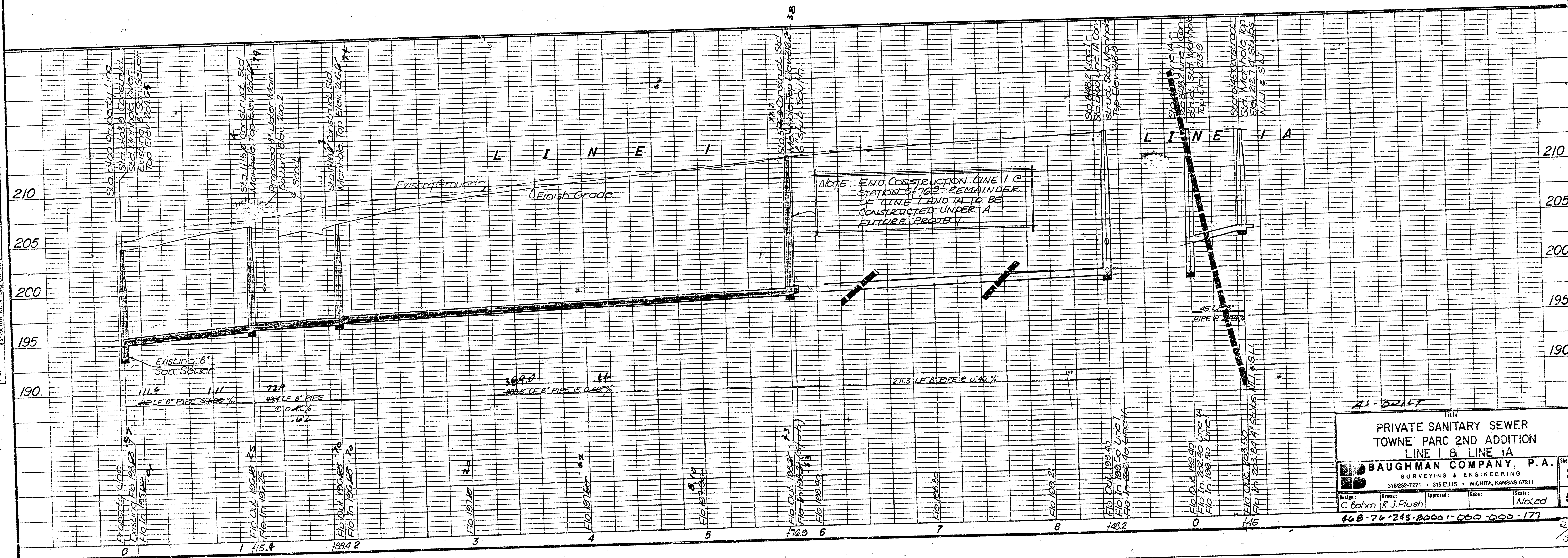
Bench Mark 2: 1" Cut Top of Curb on the S. side of Carson and W. R./L. of Linden. Elevation 201.71 City Datum

Scale
Plan 1" = 40'
Profile 1" = 5'

PLAN
SHEET NO. 2
DATE 10/1/54
BY R. J. PLUSH
CHECKED C. BOHM



PROFILE
SHEET NO. 2
DATE 10/1/54
BY R. J. PLUSH
CHECKED C. BOHM



PRIVATE SANITARY SEWER
TOWNE PARC 2ND ADDITION
LINE 1 & LINE 1A

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Drawn: C. Bohm R. J. Plush
Checked: Noted
Scale: 1" = 5'

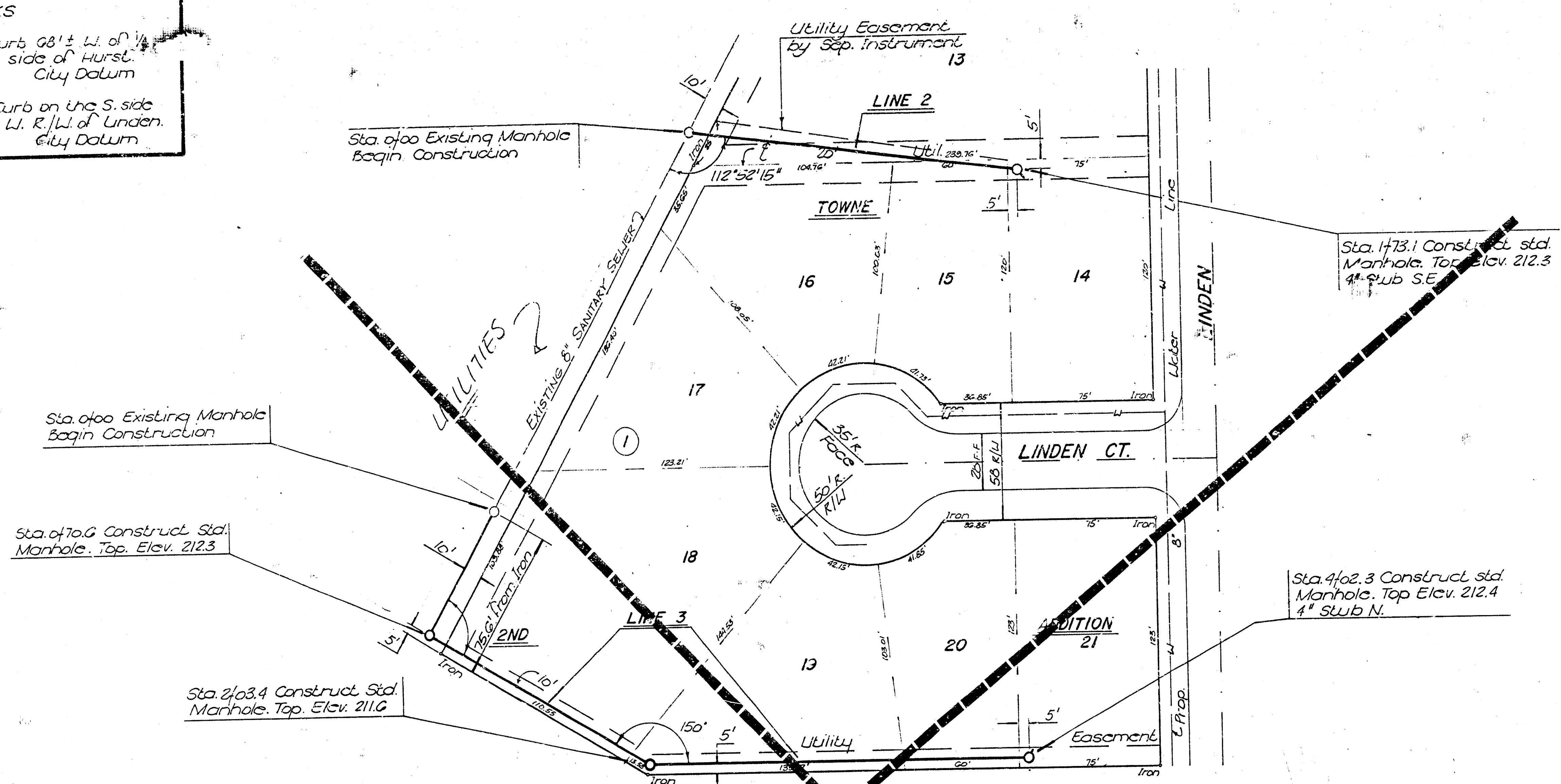
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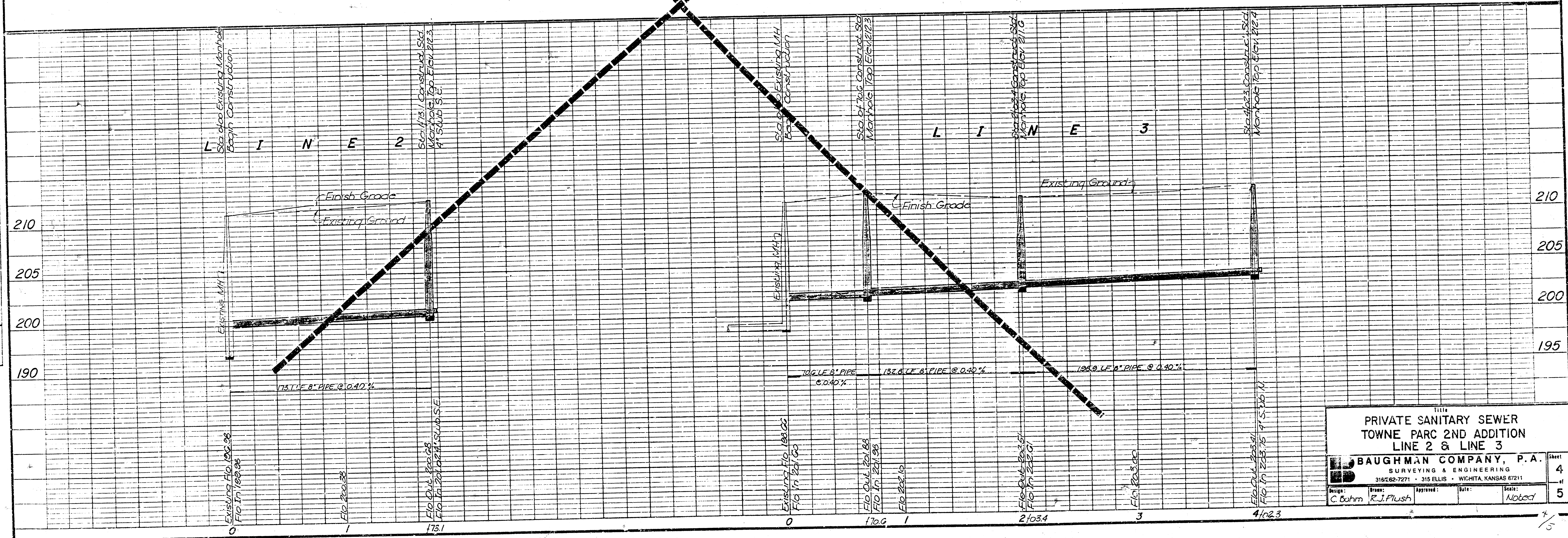
BENCHMARKS

Bench Mark 1: 1" d. Cut Top of Curb 68' ± W. of Section Line, S. side of Hurst. Elevation 211.22 City Datum

Bench Mark 2: 1" d. Cut Top of Curb on the S. side of Carson and W. R/W of Linden. Elevation 201.71 City Datum



NOTE: NONE OF THE LINES ON THIS SHEET ARE TO BE CONSTRUCTED ON THIS PROJECT. PROVIDED FOR INFORMATION ONLY.



PRIVATE SANITARY SEWER
TOWNE PARC 2ND ADDITION
LINE 2 & LINE 3

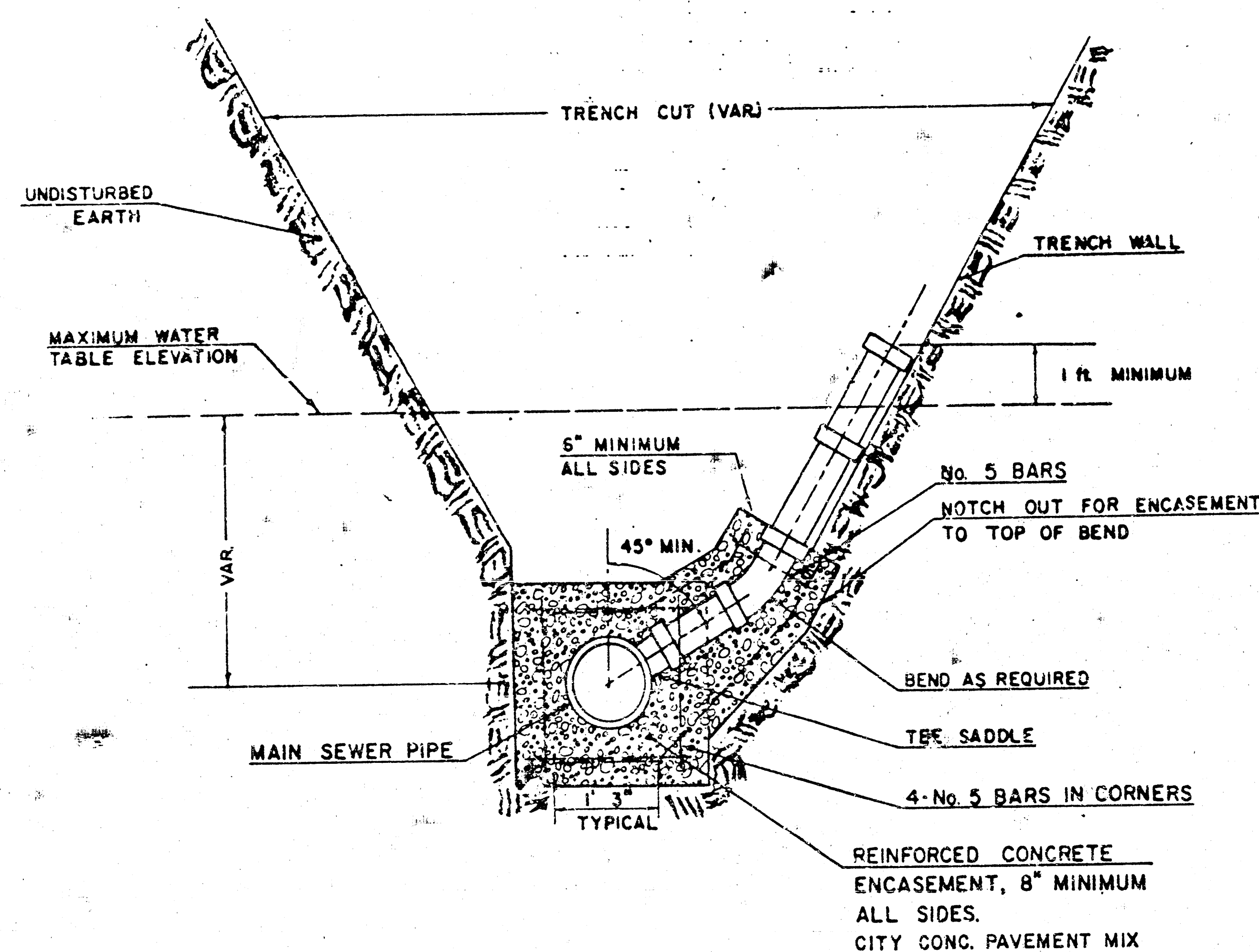
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design: C. Bahr
Drawn: R.J. Flush
Approved: [Signature]
Date: [Date]
Scale: 1"=40'
Sheet: 4 of 5

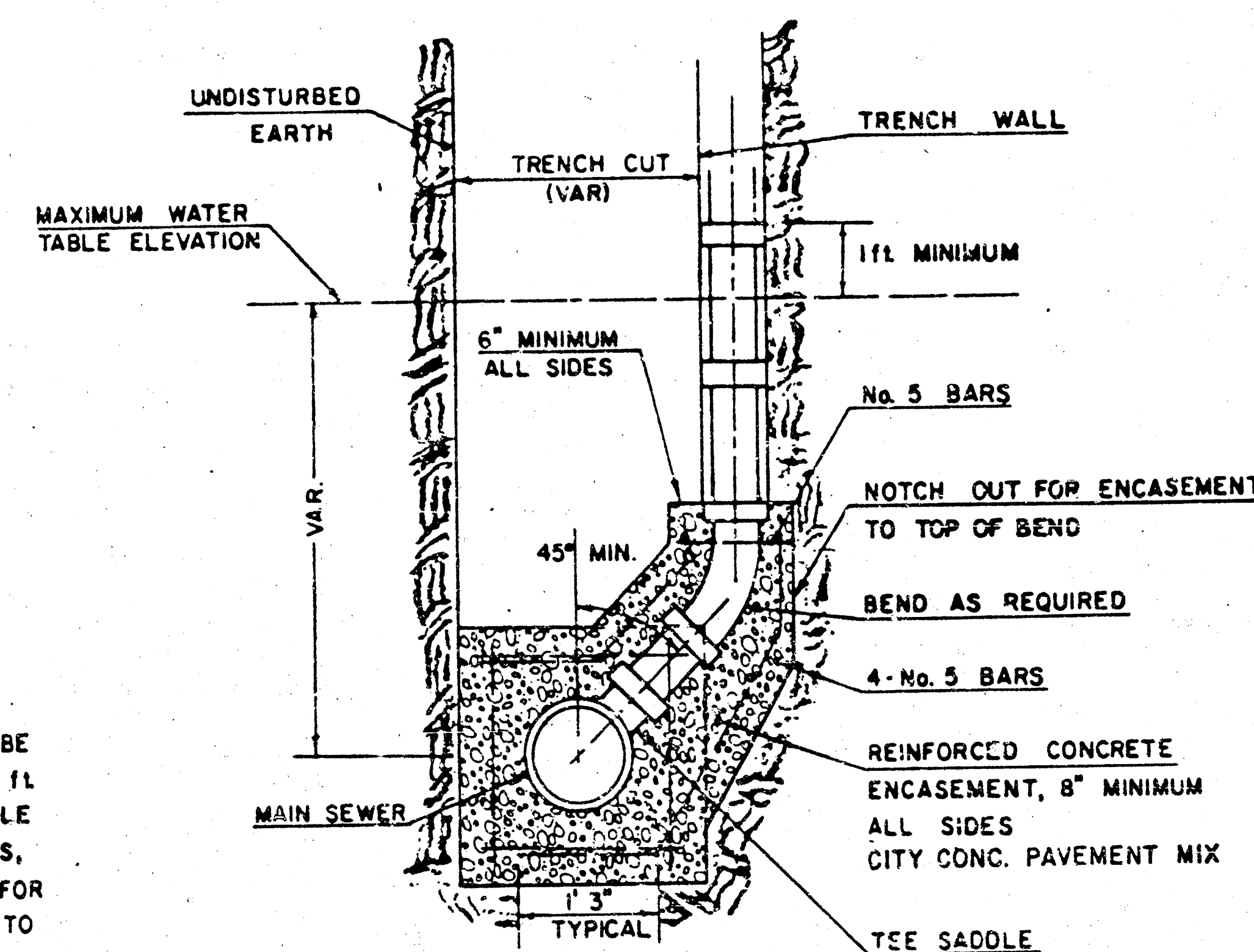
VERTICAL RISER DETAIL

ADOPTED AS STANDARD DESIGN
BY

CITY OF WICHITA, KANSAS



TYPICAL RISER FOR SLOPING TRENCH WALLS



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 LOTS OR TRACTS WHEN THE MAIN SEWER LINE DEPTH IS SUCH
 THAT IT 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 BE DEVELOPED
 PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. PIPES SHALL
 BE INSTALLED TO SERVE THE CONNECTION OF MANHOLES WILL PROVIDE
 SUFFICIENT SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER.
 THE VERTICAL DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE PILE STUB
 AND THE FLOW LINE OF THE MAIN SEWER LINE SHALL NOT EXCEED SIX INCHES.
 MAIN SEWER PILE STUBS SHALL NOT BE SET IN AN ELEVATION WHICH WILL
 PERMIT THE EXPOSURE OF THE TOP OF THE STUB TO MATCH THE TOP OF THE IM-
 PERMEABLE PIPE OF THE MAIN SEWER PIPE. PIPES 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 SPACE. ENCASEMENT OF VITRIFIED
 CLAY OR DUCTILE IRON SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN
 SEWER CLAY PIPE OF EACH SIDE OF THE RISER INSTALLATION. ENCASEMENT
 OF A.B.S. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM
 OF 3 FT. ON BOTH SIDES OF THE CENTRALIZED MANHOLE. THE TOP OF THE
 4 INCH OR 6 INCH RISE PIPE SHALL BE GRADED 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 REVISION OF A.S.T.M. DESIGNATION C700
 WITH COMPRESSION JOINTS AS SPECIFIED IN THE STANDARD. FOUR INCH
 AND SIX INCH P.V.C. OR A.B.S. PIPE SHALL BE 12 INCH A.B.S. OR P.V.C. PIPE SHALL
 BE PIPE APPROVED FOR USE IN THE CITY BY THE CHIEF PLUMBING 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 WITH RED PAINT AND RED PLASTIC
 TAPE. THE SIX INCH RISE PIPE 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. THE METHOD OF CAPPING
 SUPPORTING AND BACKFILLING RISER PIPE SHALL BE APPROVED BY THE
 ENGINEER.

FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT-PRICES
AID FOR 4" PIPE, 6" PIPE AND REINFORCED CONCRETE ENCASMENT FOR THE
VARIOUS MANHOLE PIPE SIZES INDICATED; WHICH PRICE SHALL INCLUDE
ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING SADDLES, BENTS, CON-
CRETE, REINFORCING STEEL, CAPS OR PLUGS, AND ALL OTHER NECESSARY
MATERIALS OR WORK. CONCRETE ENCASMENT OF THE RISER PIPE TO THE TOP
OF THE SINK AS SHOWN BY THE DRAWINGS WILL NOT BE PAID FOR DIRECTLY
AND THE COST FOR THIS WORK SHALL BE CONSIDERED AS SUBSIDIARY TO THE
OTHER ITEMS OF WORK.

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 PA' QUANTITIES INVOLVED. THE PROJECT INSPECTOR SHALL ALSO REPORT ON INSPECTOR CARDS THE LOCATION, DIRECTION OF SERVICE, AND SIZE OF ALL STUMS INSTALLED IN MANHOLES.