

# CONSTRUCTION PLANS FOR STORM WATER SEWER

TO SERVE A PART OF

## EASTMINSTER PRESBYTERIAN CHURCH

WICHITA, SEDGWICK COUNTY, KANSAS

APPROVED AS NOTED  
BY CITY ENGINEER OF WICHITA

Sanitary Sewer \_\_\_\_\_  
Storm Sewers VRH 12/2/00  
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 COM-MENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

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

PRIVATE PROJECT NO. 1044 PPS  
OCA # 607861  
August 2000

### NOTES

1. 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:

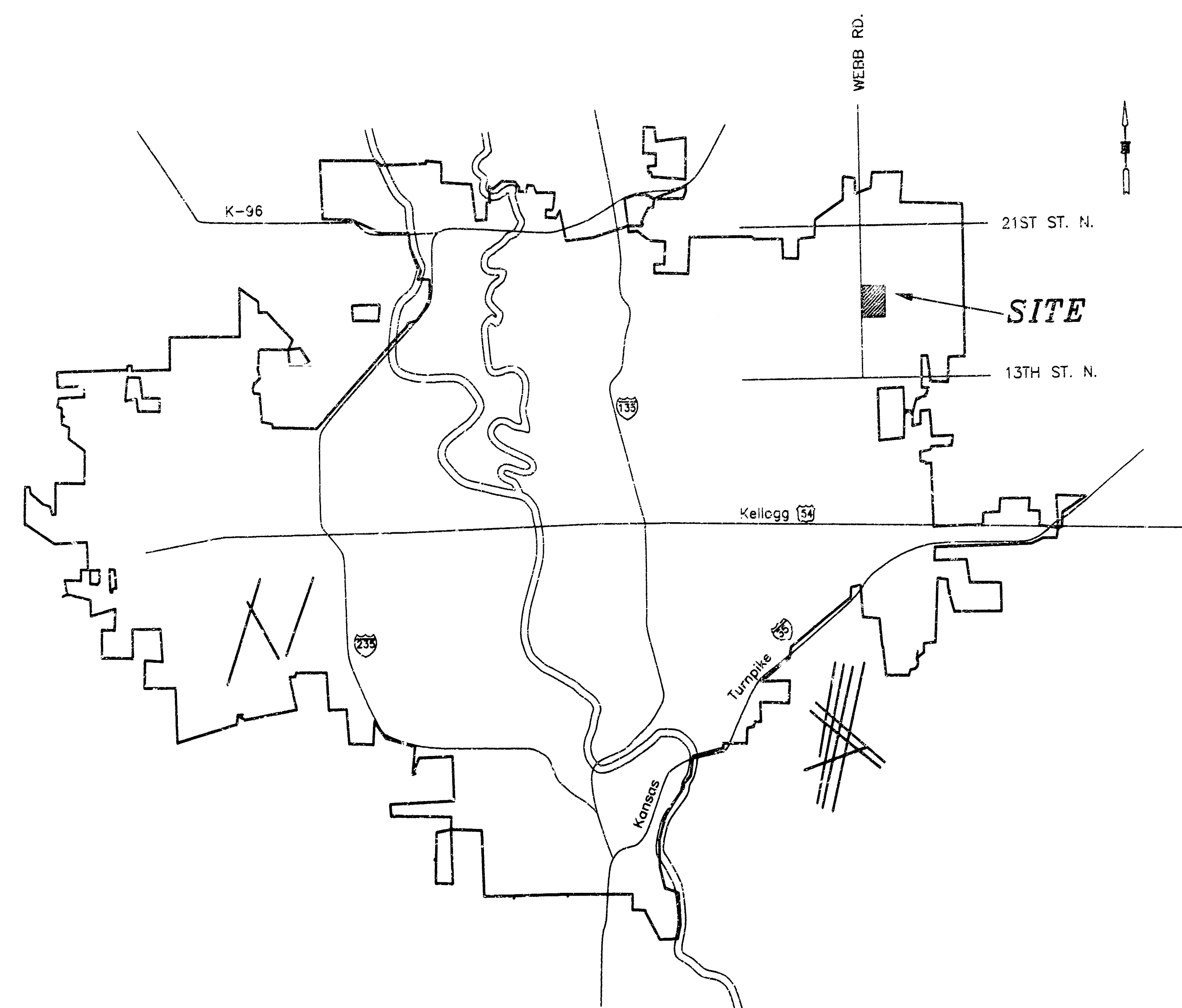
|                                   |                      |
|-----------------------------------|----------------------|
| CABLEVISION                       | 262-4270 OR 263-2231 |
| KANSAS GAS & ELECTRIC (GAS)       | 263-7511             |
| KANSAS GAS & ELECTRIC (ELECTRIC)  | 264-1141             |
| ARKLA GAS COMPANY                 | 942-8350 OR 263-8161 |
| SOUTHWESTERN BELL TELEPHONE       | 1-571-2611           |
| CITY OF WICHITA WATER DEPT.       | 268-4908             |
| CITY OF WICHITA SEWER MAINTENANCE | 268-4071             |

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

3. UNLESS OTHERWISE SPECIFIED ON THE PLANS, MANHOLES MAY BE TYPE "B", "C" OR "D" MANHOLES. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.

4. TRAFFIC WILL NOT BE AFFECTED IN THIS AREA OF CONSTRUCTION.

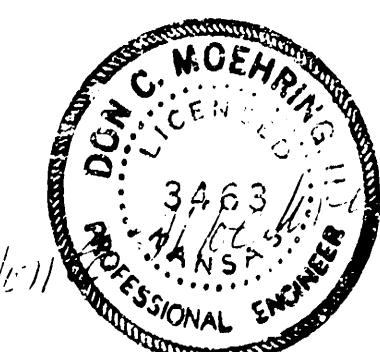
5. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.



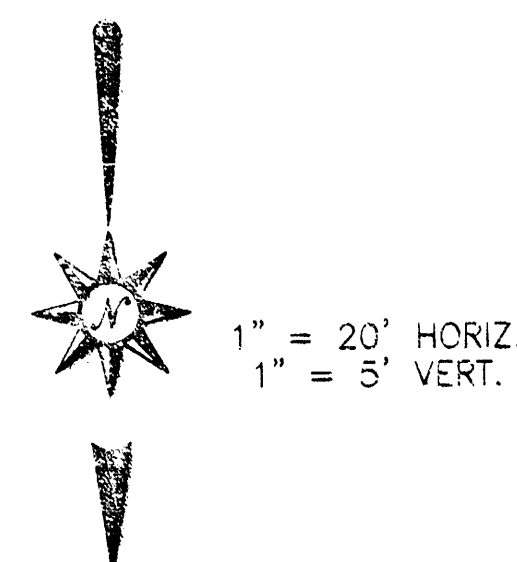
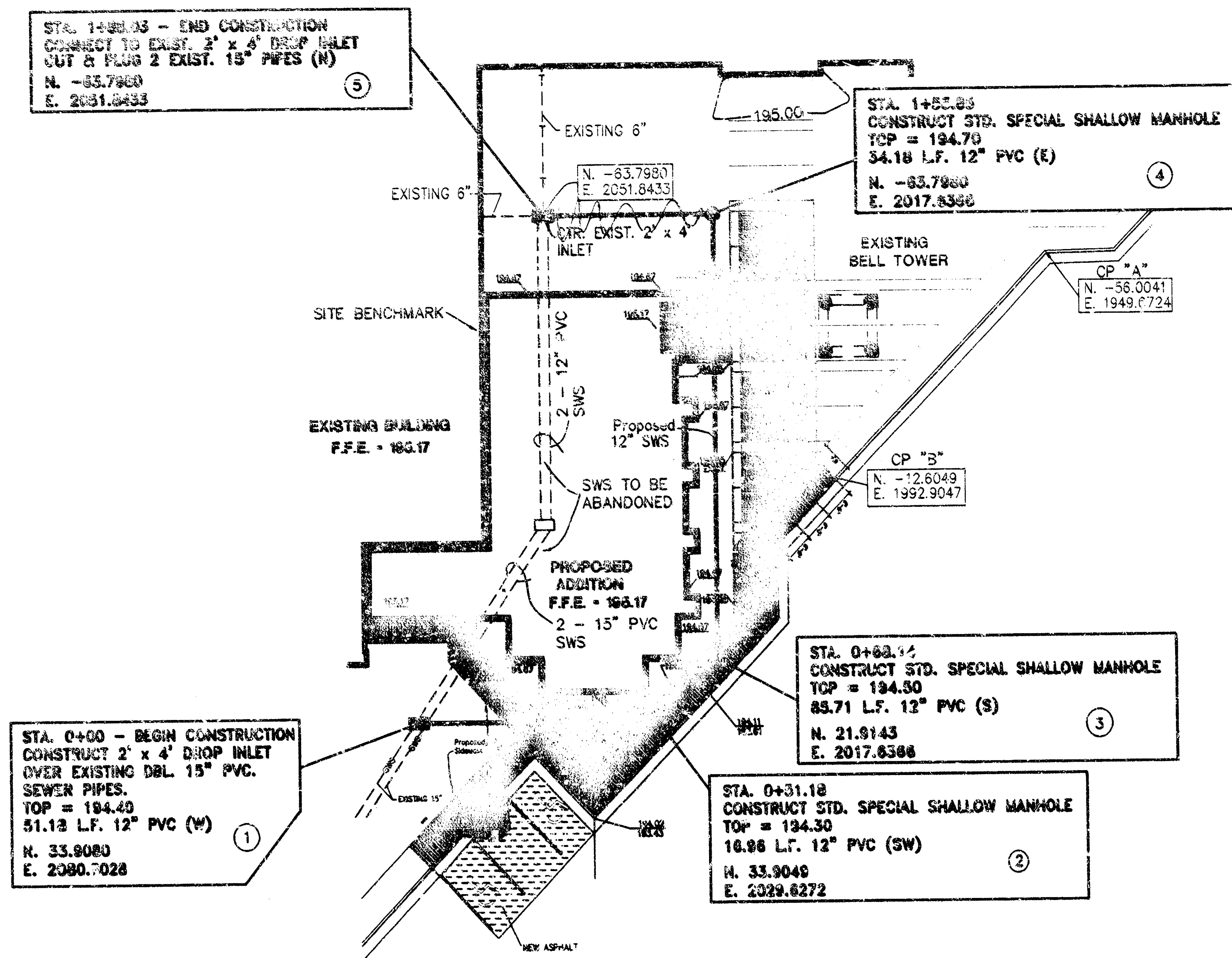
### INDEX

1. Cover Sheet
2. Plan & Profile
- 3-4. Standard Manhole Details
5. Final Plat of Eastminster Addition

Booked  
E-8  
12/29/03  
RDL  
Per Plan



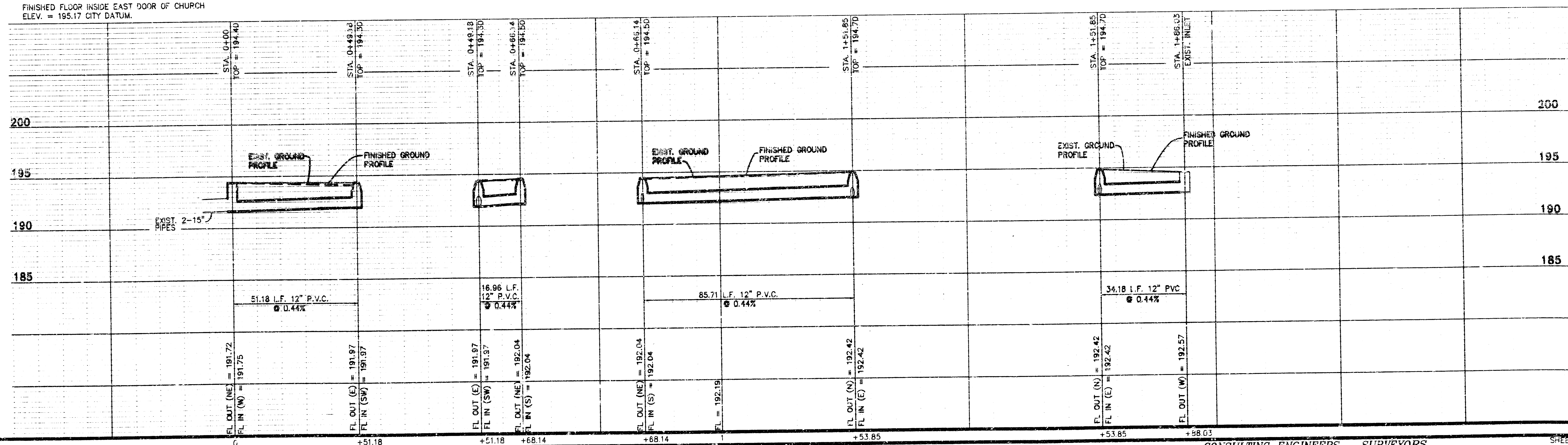
MOEHRING & ASSOCIATES  
CONSULTING ENGINEERS  
WICHITA



| POINT # | N. COORD. | E. COORD. | POINT DESCRIPTION                             |
|---------|-----------|-----------|-----------------------------------------------|
| CP "A"  | -56.0041  | 1949.6724 | 600 NAIL, BK. OF CURB AT BEND IN CURB         |
| CP "B"  | -12.6049  | 1992.9047 | 600 NAIL, BK. OF CURB                         |
| CP "C"  | 514.2549  | 1733.0533 | IRON - N.W. COR., EASTMINSTER ADDITION        |
| CP "D"  | 294.2128  | 1783.3128 | IRON, 50' E. OF N.W. COR., LOT 1, BLK. 2      |
| CP "E"  | 294.2550  | 1733.3128 | IRON - N.W. COR., LOT 1, BLK. 2               |
| CP "F"  | -828.6942 | 1734.6376 | IRON - S.W. COR., LOT 1, BLK. 2               |
| 1       | 33.9080   | 2080.8028 | CTR. NEW 2' x 4' DROP INLET (STA. 0+00)       |
| 2       | 33.9049   | 2029.6272 | CTR. MANHOLE (STA. 0+31.18)                   |
| 3       | 21.9143   | 2017.6366 | CTR. MANHOLE (STA. 0+82.14)                   |
| 4       | -63.7980  | 2017.6366 | CTR. MANHOLE (STA. 1+51.85)                   |
| 5       | -63.7980  | 2051.8433 | CTR. EXIST. 2' x 4' DROP INLET (STA. 1+86.03) |

# BENCHMARK

FINISHED FLOOR INSIDE EAST DOOR OF CHURCH  
ELEV. = 195.17 CITY DATUM.



ADOPTED AS STANDARD DESIGN BY  
CITY OF WICHITA, KANSAS

Technical drawing of a circular manhole cover. The cover features a checkered pattern and is labeled "CITY OF WICHITA KANSAS SEWER DEPT." and "FOUNDRY 1992". A detail view shows a "CLOSED PICK HOLE" with dimensions 1/2", 1/4", and 2". A note indicates "CHECKERED PATTERN TOP".

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and features. The part has a base with a central slot and two side slots. The top surface is flat, and the bottom surface is also flat. The drawing includes dimensions for overall size, slot widths, and material thickness. A note "Machine Finished" is present near the bottom right corner.

Dimensions and Features:

- Top Surface:  $2'-1-3/4"$  Dia
- Left Side:  $4"$  (width),  $3-3/8"$  (height)
- Central Slot:  $4'-1/2"$  (width),  $1/2"$  (depth)
- Right Side:  $3/4"$  Dia,  $1/4"$  Dia,  $1/8"$  (height)
- Bottom Surface:  $2'-1-5/8"$  Dia
- Other Dimensions:  $1-3/4"$ ,  $1/2"$ ,  $3-3/16"$ ,  $2'-1/8"$ ,  $5/8"$
- Note: "Machine Finished"

[illegible]

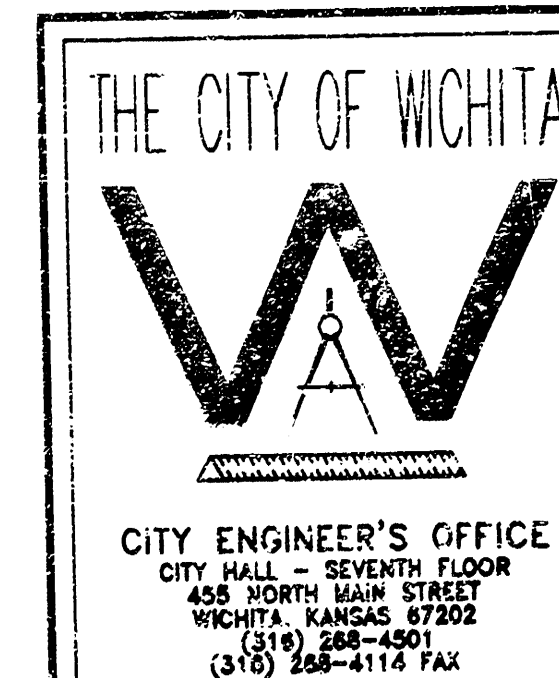
MAINHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.

MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.

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.

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 AS THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.

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 MADE. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARD TO OWNERSHIP USING LETTERS AT LEAST 1 INCH 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 TO A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWING. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING TO 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.



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

PROJECT NUMBER

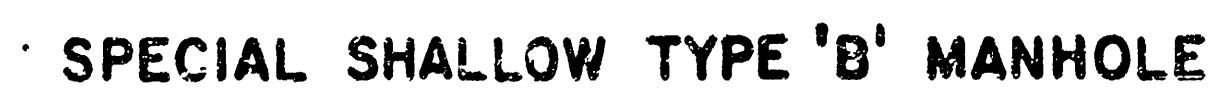
INDEX CODE:

DATE  
MAR 26

SHEET 3 OF 5



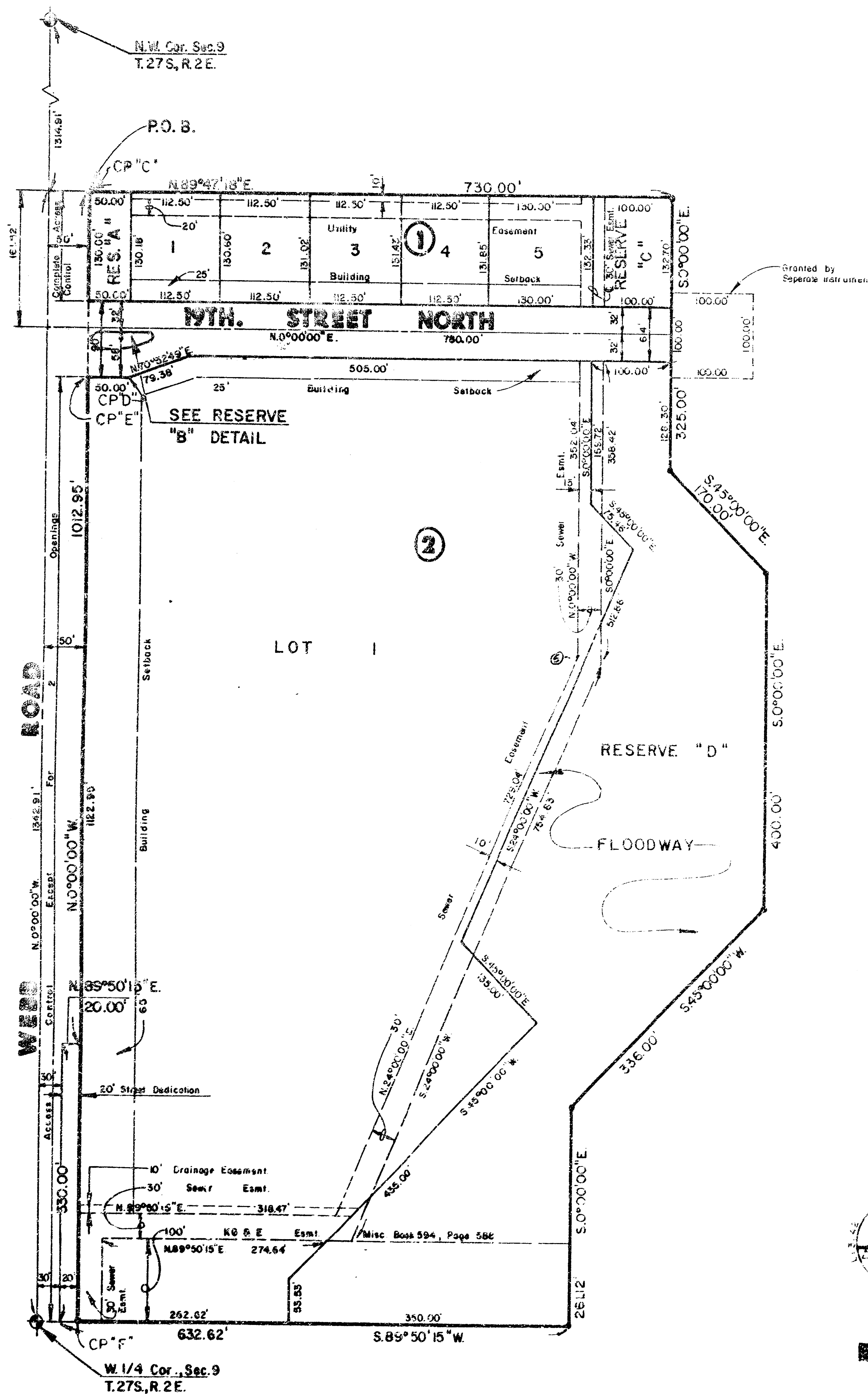
## FLAT CONCRETE SLAB DETAILS



- ## GENERAL NOTES

- [illegible]

# FINAL PLAT OF EASTMINSTER AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



RESERVE "D" DETAIL

I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "EASTMINSTER", an addition to Wichita, Sedgwick County, Kansas into Lots, Blocks, Streets and Reserves, the same being accurately set forth in the accompanying plat and described as follows:

A tract of land lying within the northwest quarter of Section 9, Township 27 south, Range 2 east of the 6th P.M., more particularly described as follows:

Commencing at the northwest corner of said northwest quarter; thence on an assumed bearing S 00° 00' 00" E, 1314.91 feet along the west line of said northwest quarter to a point 1342.91 feet north of the southwest corner of said northwest quarter; thence N 89° 47' 18" E, 50.00 feet parallel and 14.00 feet north of the north line of the southwest quarter of said northwest quarter to the point of beginning; thence N 89° 47' 18" E, 700.00 feet parallel and 14.00 feet north of the north line of the southwest quarter of said northwest quarter; thence S 00° 00' 00" E, 325.00 feet; thence S 45° 00' 00" E, 170.00 feet; thence S 00° 00' 00" E, 400.00 feet; thence S 45° 00' 00" W, 336.00 feet; thence S 00° 00' 00" E, 261.12 feet to a point 30.00 feet east of the west line of said northwest quarter; thence along the south line of said northwest quarter S 89° 50' 15" W, 632.52 feet to a point 30.00 feet east of the west line of said northwest quarter; thence N 0° 00' 00" E, 330.00 feet parallel and 30.00 feet east of the west line of said northwest quarter; thence N 89° 50' 15" E, 23.00 feet to a point 30.00 feet east of the west line of said northwest quarter; thence N 0° 00' 00" E, 1012.95 feet parallel and 50.00 feet east of the west line of said northwest quarter to the point of beginning.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 15 day of March, 1986.

Kenneth H. Bengtson, P.E.  
Mid-Kansas Engineering Consultants, P.A.  
3500 N. Rock Road, Bldg. 800  
Wichita, KS 67220

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into lots, blocks, streets, and reserves, the same to be known as "EASTMINSTER", an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage, as indicated on the accompanying plat are hereby granted. Reserves "A", "B", "C", & "D", are platted for construction and maintenance of public utilities and landscaping. Reserves "A" and "B" are also platted for entry monuments. Reserve "C" is also platted for drainage. Reserve "D" is platted for floodway purposes. All reserves shall be owned and maintained by the homeowners' association. The floodways shall be the responsibility of the owners until such time as the governing body exercising jurisdiction elects to assume the responsibility for the maintenance and improvement of the drainage, provided further, that no structure shall be constructed or within said floodway, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission of the City Engineer. All abutters' rights of access to or from Webb Road over and across the west line of Lot 1, Block 2 and the west line of Reserve "A" of "EASTMINSTER" are hereby granted to the City of Wichita, Kansas except Lot 1, Block 2 shall have access at two locations to Webb Road as determined by the City Engineer.

Eastminster United Presbyterian Church

By: William A. Boettger, President  
Board of Trustees

STATE OF KANSAS)  
SEDGWICK COUNTY)

Be it remembered that on this 15 day of March, 1986, before me a Notary Public in and for Sedgwick County, Kansas, William A. Boettger, President, Board of Trustees, of Eastminster United Presbyterian Church, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Mary Ellen Conover, Notary Public  
My Appointment Expires: 1-31-87

This plat of "EASTMINSTER" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 20th day of February, 1986.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

William J. Goebel, Chairman  
Michael E. Lindegar, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 15th day of March, 1986.

Robert C. Brown, Mayor  
Donald C. Gistick, City Clerk

Entered on transfer record this 25th day of March, 1986.

Don Wright, County Clerk

STATE OF KANSAS)  
SEDGWICK COUNTY)

This is to certify that this instrument was filed for the Register of Deeds office this 25th day of March, 1986.

Pat Kettle, Register of Deeds

Ed Resa, Deputy