

4 MC-086

# BUREAU OF PUBLIC SERVICES

## SEDGWICK COUNTY, KANSAS



### SANITARY SEWER IMPROVEMENTS

FOR

## KIMBERLY HILLS 2ND ADDITION

SERVING

Lots 2-4

NET LENGTH OF PROJECT

521 FT.

3.10 MILES

#### INDEX of SHEETS:

1. COVER SHEET
2. GENERAL NOTES & PROJECT AREA
3. SEWER LINE PLAN AND PROFILE
4. PRECAST MANHOLE DETAILS
5. BACKFILL DETAILS
6. PLAT OF KIMBERLY HILLS 2ND ADDITION

APPROVED:

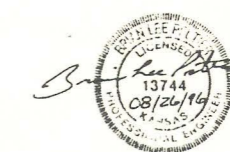
*Paul C. Spence*  
 COUNTY ENGINEER / DIRECTOR OF PUBLIC SERVICES  
 DATE: 9/12/96

APPROVED:

*James Swintos*  
 CHAIRMAN, BOARD OF COUNTY COMMISSIONERS  
 DATE: 9-12-96

FILED IN THE OFFICE OF THE SEDGWICK COUNTY CLERK:

*Janice Lee Peterson*  
 COUNTY CLERK  
 DATE: September



PLANS PREPARED BY:

**BAUGHMAN COMPANY P. A.**  
 ENGINEERING, SURVEYING & PLANNING  
 316/262-7271 • 315 ELLIS • MOHAWK, KANSAS 67211

NOT AS-BUILTS

DIV #29

KIMBERLY HILLS 2ND

4mc-086

# KIMBERLY HILLS 2ND ADDITION

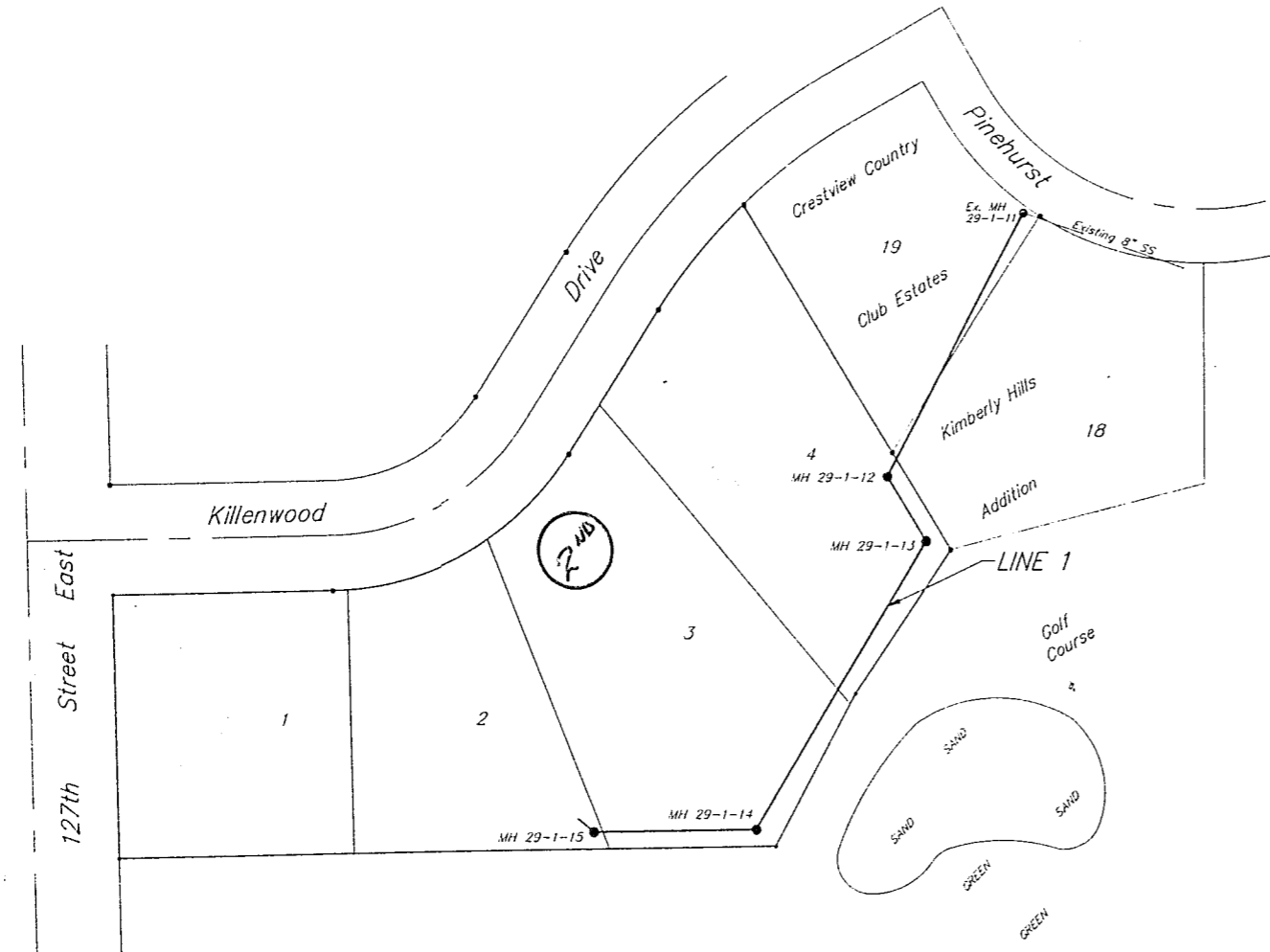
## SEDGWICK COUNTY, KANSAS.

### SANITARY SEWER

#### GENERAL NOTES

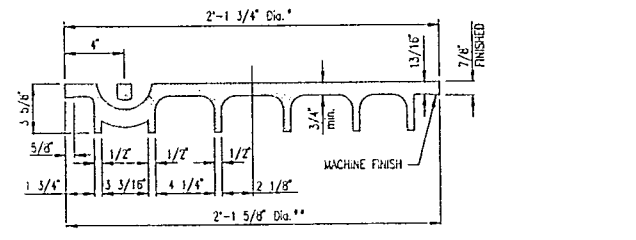
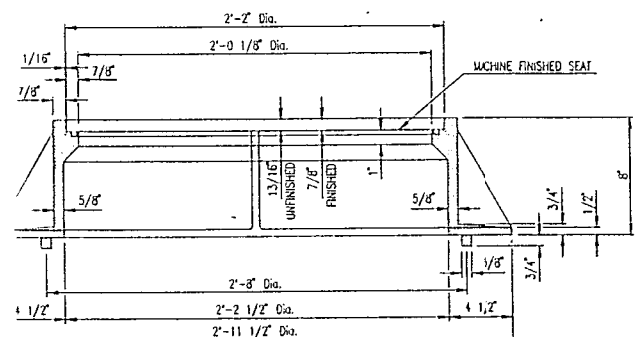
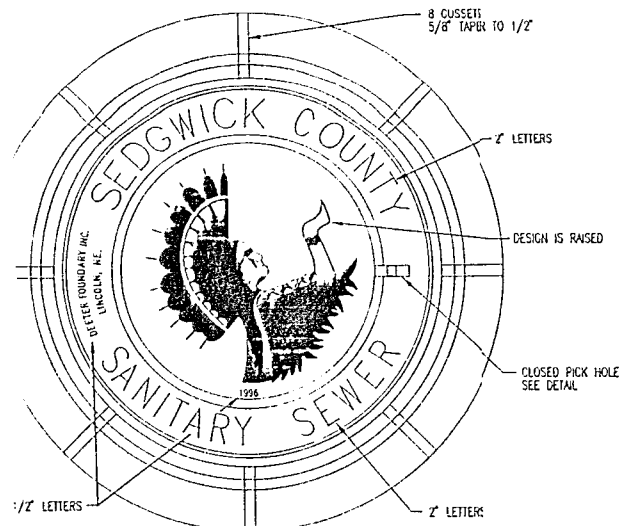
1. All Elevations shown are USGS Datum.
2. At least 72 hours prior to beginning any excavation (excluding weekends and holidays), the Contractor shall contact the Kansas-One-Call system, a utility location service, at 687-2470 to request the following utility companies to locate any existing lines within the project area: Jullimedia Cable TV, Wichita Water, Southeastern Bell Telephone, K.G.M.E. Gas and K.G.M.E. Electric. Request location of the existing high pressure gas line from Williams Natural Gas Company, 524-0491.
3. The buried utilities as shown on the plans are approximate locations only. It should be noted that other buried lines and cables may exist which are not shown on these plans. The Contractor shall exercise extreme caution during trenching operations to avoid damaging these lines. Any lines damaged shall be replaced or repaired immediately as directed by the Engineer at the Contractor's expense.
4. The Contractor shall contact the Sedgwick County Eastern Sewer District (753-0202) at least 24 hours before connecting new sewer pipe to the existing sewer system. The Contractor shall keep any construction debris from entering the existing sanitary sewer during construction. A mechanical plug shall be installed and maintained to isolate the existing sewer from the new construction until the new construction is cleaned, televised, and has been accepted to prevent water or debris from entering the existing sewer. The water used for cleaning shall not be added to the flow of the existing sewer. The cleaning or otherwise accumulated water shall be pumped or otherwise removed prior to televising.
5. All manholes stubs shall be Schedule 40.
6. All pipe joints shall be laid and pushed "full home", with the beveled end of the spigot making full contact with the chamfered area of the throat of the bell or socket, with no separation between them. If separation is determined, the pipe shall be excavated and relaid according to specifications at the Contractor's expense.
7. Excess excavation material and other debris shall be wasted on sites to be provided by the Contractor as approved by the Engineer at no additional cost to the Owner.
8. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
9. 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.
10. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
11. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the County. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of work.
12. The Contractor shall be responsible for preserving property lines. The Contractor shall be required to re-establish any property lines which are damaged or destroyed by his construction operations. Such lines shall be re-established by a licensed land surveyor in accordance with state laws. Prior to start of construction, the contractor shall flag and return all property corners that may be disturbed by construction operations, and verify these in the field in the presence of the Engineer and the Contractor's surveyor. After construction and before final inspection, a letter signed and sealed by the licensed land surveyor certifying replacement of all disturbed property corners shall be submitted to the Engineer.
13. The Contractor shall contain his operation to permit traffic through and across construction at existing roadways at all times. The Contractor shall erect warning signs, flashing lights, and barricades in compliance with the manual on uniform traffic control devices to ensure safety as directed in the general conditions. The Contractor shall limit the extent of trench to remain open overnight and weekends to less than 50 feet.
14. The Contractor shall restore all ditches, swales, road shoulders, and banks to their original slopes and grades except where new grades are established by the Easement Grading plan. Where existing entrance pipe, drainage pipe, signs, fences, etc., conflict with the proposed work hereon, they shall be removed and replaced or reset. The replacement of all the aforementioned items, including seeding, fertilizer and mulching shall be considered subsidiary to the project.
15. Easements and right-of-ways provided by the owner for the project are shown in the plans. The Contractor shall be responsible for the acquisition of any additional temporary easements or right-of-ways that he desires to use in completing the work.
16. Positive drainage shall be provided for all areas on or near spot areas. Natural drainage ways shall be maintained.
17. The Contractor shall provide positive drainage away from all manhole covers.
18. The Contractor shall give all property owners and/or tenants of developed property adjoining the construction of this project a minimum of 10 days advance notice prior to start of construction in the vicinity of the affected property.
19. All trench backfill shall be either type I or type II unless noted otherwise.
20. Top elevations for manholes are approximate only. Top elevations for manholes shall be set as follows:
  - A. Outside of traveled ways, 0.4 feet above finish grade.
  - B. Paved traveled ways, flush with finish grade.
  - C. Unpaved traveled ways, as directed by the Engineer.
21. The Contractor shall also contact the following at least 72 hours prior to beginning construction to advise them of the intended work and of his proposed schedule:
 

Sedgwick County Bureau of Public Services  
1250 S. Seneca  
Wichita, KS. 67213  
Mr. Jim Weber  
(316) 383-7901
22. It shall be the responsibility of the Contractor to satisfy himself as to the existence of unusual subsurface conditions, and to allow for such conditions in his bid.
23. Contractor shall follow Best Management Practice as described in the project Storm Water Pollution Prevention Plan (SWPPP), a copy of which may be obtained from the engineer.
24. All methods of construction and construction materials shall be in accordance with the Sedgwick County Standard Specifications.



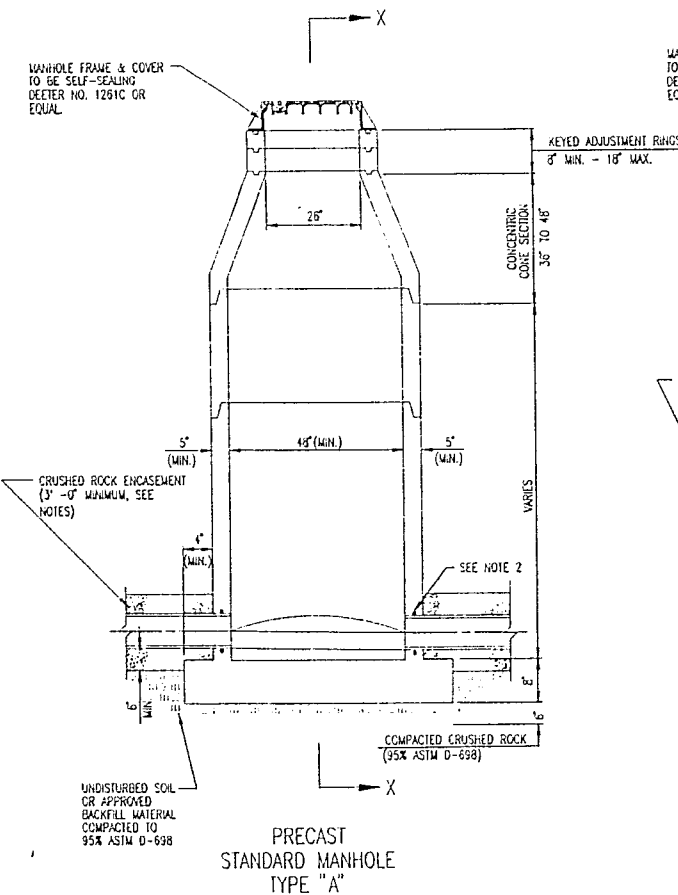
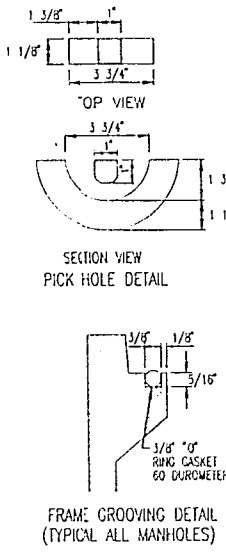
|                                    |              |                |                       |
|------------------------------------|--------------|----------------|-----------------------|
| <b>KIMBERLY HILLS 2ND ADDITION</b> |              |                |                       |
| <b>GENERAL NOTES</b>               |              |                |                       |
| & PROJECT AREA                     |              |                |                       |
| <b>BAUGHMAN COMPANY P. A.</b>      |              |                |                       |
| ENGINEERING, SURVEYING, & PLANNING |              |                |                       |
| PROJECT NUMBER                     |              |                |                       |
| Sedgwick County, Kansas            |              |                |                       |
| DESIGN<br>BHP                      | DRAWN<br>JAK | APPROVED       | DATE<br>6-19-95       |
|                                    |              | SCALE<br>NOTED | SHEET<br>2<br>OF<br>8 |



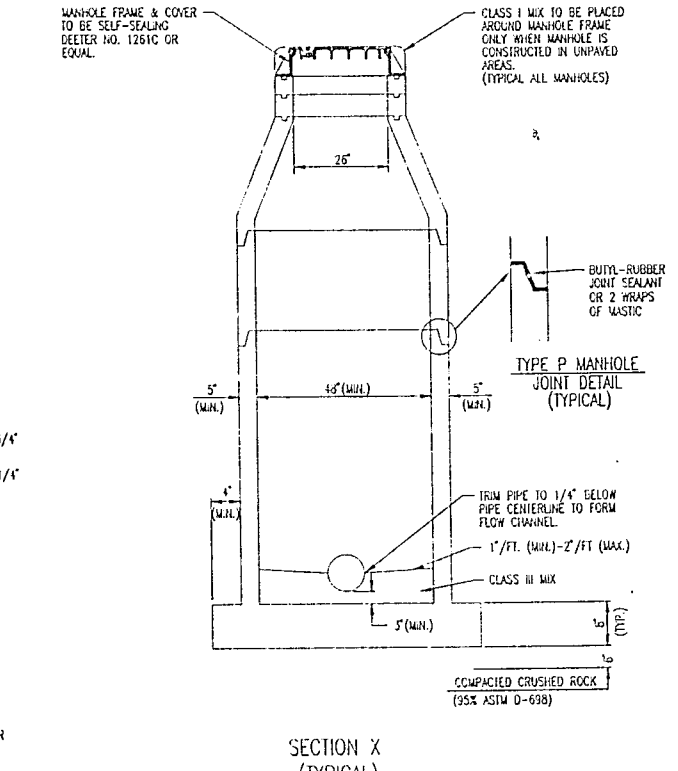


**MANHOLE FRAME AND COVER**  
(TOTAL WEIGHT = 430 LBS.)

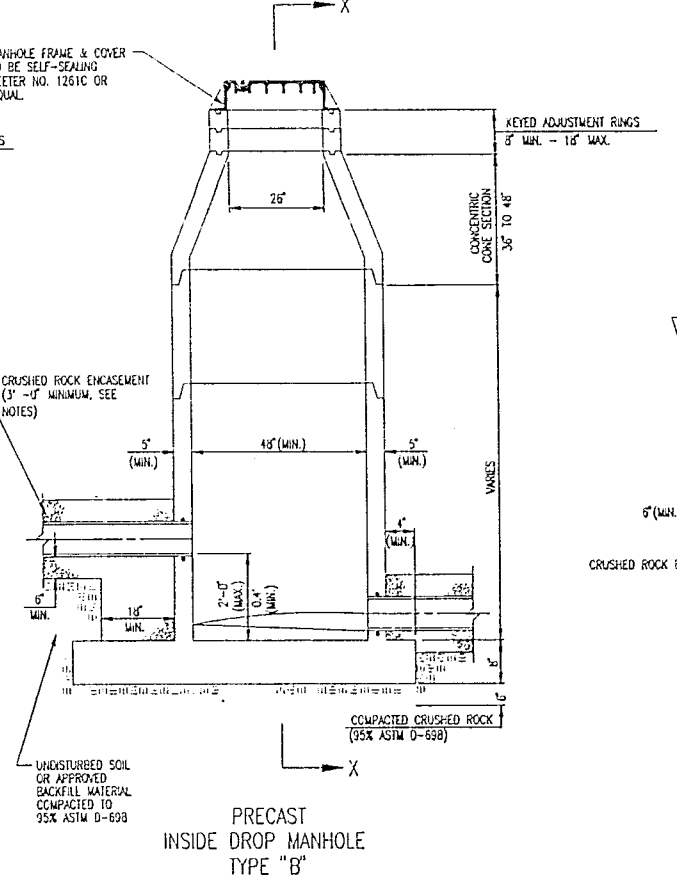
- MANHOLE FRAME AND COVER NOTES**
1. CAST IRON MANHOLE FRAME AND COVER SHALL CONFORM TO ASTM A-48, CLASS 35B, OR BETTER.
  2. CASTINGS ARE TO BE MANUFACTURED TRUE TO PATTERN AND WITH SATISFACTORY FIT OF COMPONENT PARTS. CASTINGS SHALL BE FREE OF DEFECTS AND ALL SURFS SHALL BE GRIND SMOOTH DIMENSIONS AS DETAIL ON PLAN SHALL NOT DEVIATE BY  $\pm 1/16$  PER FOOT.
  3. NO OTHER LETTERING OR MARKINGS OTHER THAN THOSE DETAIL ON PLAN WILL BE PERMITTED ON CASTINGS.
  4. CASTINGS MUST BE DOMESTICALLY MANUFACTURED IN THE UNITED STATES OF AMERICA.
  5. THE FRAMES AND COVERS SHALL BE FINISHED WITH MACHINED HORIZONTAL BEARING SURFACES SO FITTING PARTS WILL NOT RATTLE OR ROCK UNDER TRAFFIC.
  6. MANHOLE CASTINGS SHALL BE SELF-SEALING DEETER (STANDARD A.E. NO. 1261C OR APPROVED EQUAL, UNLESS OTHERWISE SPECIFIED BY THE SPECIAL CONDITIONS (MINIMUM WT. = 430 LBS.)) ALL MANHOLE CASTINGS SHALL BE CONSIDERED SUBSEQUENT TO THE LATEST PROCS ISO FOR THE VARIOUS MANHOLE TYPES.
  7. THE MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. THE ENGINEER SHALL RETAIN THE RIGHT TO REJECT CASTINGS NOT CONFORMING TO THE SPECIFICATIONS OR THE APPROVED SHOP DRAWINGS.
  8. THE MANHOLE FRAME SHALL BE FINISHED WITH AN APPROVED CONCENTRIC CONCRETE COKE SECTION (CONCRETE COKE SECTION) OR APPROVED EQUAL. THE "O" RING CASSETT SHALL BE FACTORY INSTALLED IN THE MANHOLE FRAME WITH YOUR SILICON SEALANT-GUM COUMING OR EQUAL.



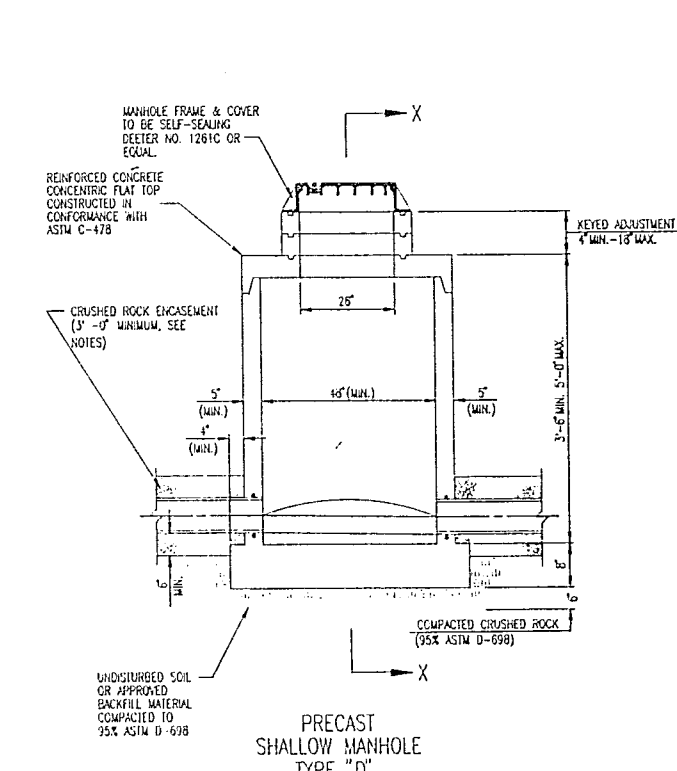
**PRECAST STANDARD MANHOLE TYPE "A"**



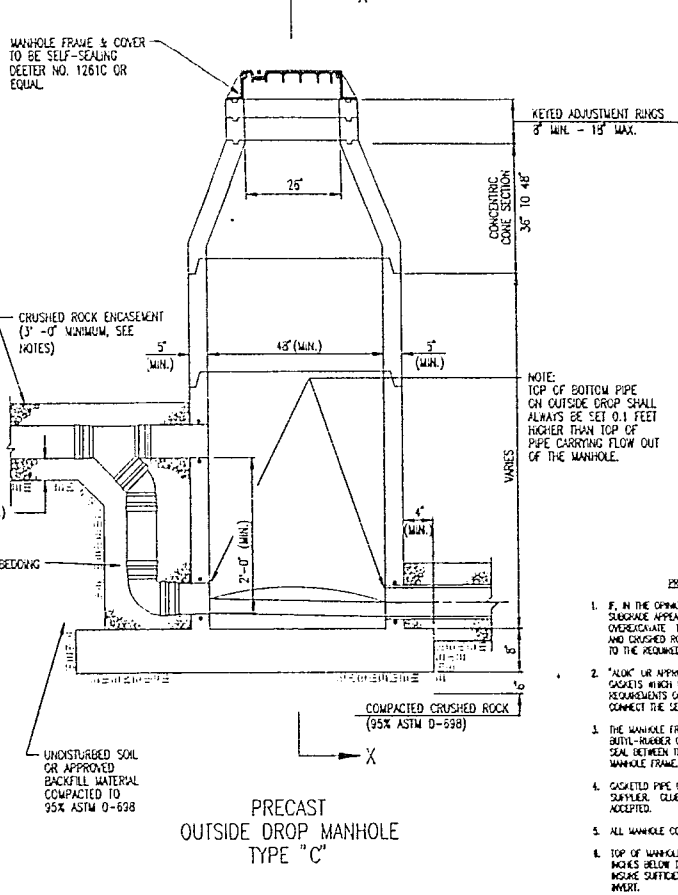
**SECTION X (TYPICAL)**



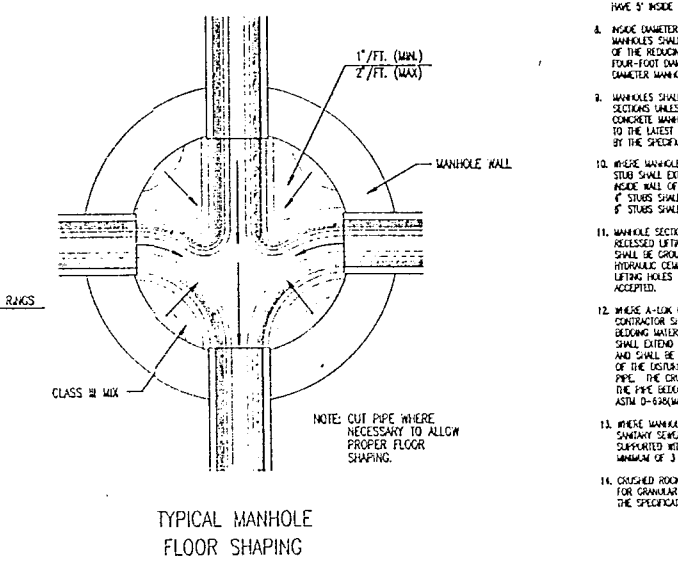
**PRECAST INSIDE DROP MANHOLE TYPE "B"**



**PRECAST SHALLOW MANHOLE TYPE "D"**



**PRECAST OUTSIDE DROP MANHOLE TYPE "C"**



**TYPICAL MANHOLE FLOOR SHAPING**

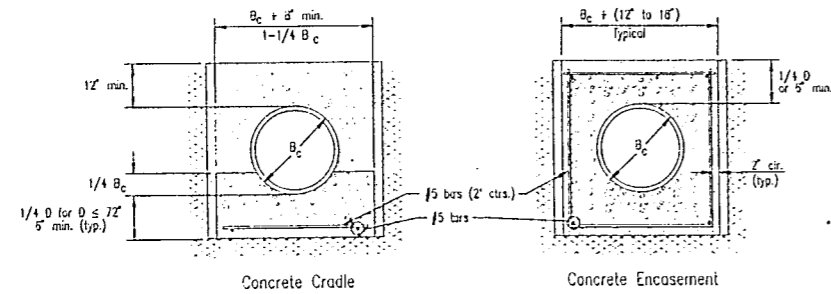
- PRECAST MANHOLE NOTES**
1. IF, IN THE OPINION OF THE ENGINEER, THE MANHOLE SUBGRADE APPEARS UNUSUAL, THE CONTRACTOR WILL OVEREXCAVATE TO A SUFFICIENT SUBGRADE DEPTH AND COMPACTED ROCK SHALL BE PLACED AND COMPACTED TO THE REQUIRED GRADE.
  2. "A" OR APPROVED EQUAL FLEXIBLE WATER-STOP CASSETS WHICH MEET OR EXCEED THE TEST REQUIREMENTS OF ASTM C-293 SHALL BE INSTALLED TO CONNECT THE SEWER TO THE MANHOLE WALL.
  3. THE MANHOLE FRAME SHALL BE SEALED ON AN APPROVED BUTYL-RUBBER OR MASTIC SEALANT TO PROVIDE WATER-TIGHT SEAL BETWEEN THE MANHOLE ADJUSTMENT RING AND THE MANHOLE FRAME.
  4. CASSETT PIPE CAPS SHALL BE FRAMED BY THE PIPE SUPPLIER. COATED OR COATED CAPS WILL NOT BE ACCEPTED.
  5. ALL MANHOLE CONSTRUCTION SHALL BE WATER TIGHT.
  6. TOP OF MANHOLE FLOOR SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED MORTAR.
  7. MANHOLES WITH PIPE SIZES 24\"/>

STANDARD PRECAST MANHOLE DETAILS  
**SEDGWICK COUNTY KANSAS**  
KIMBERLY HILLS 2ND ADDITION

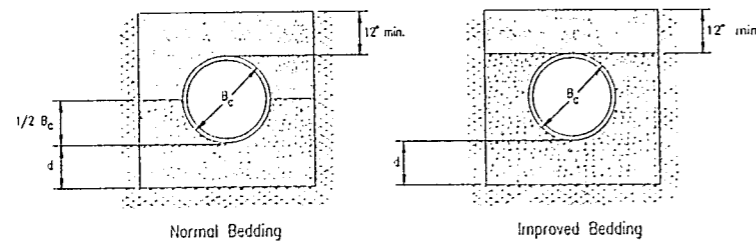
**BAUGHMAN COMPANY P. A.**  
ENGINEERING, SURVEYING, & PLANNING

PROJECT NUMBER: \_\_\_\_\_ SHEET **4** OF **6**

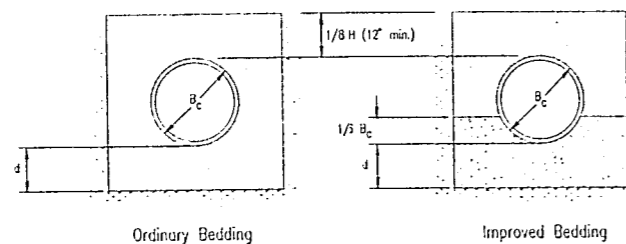
DESIGN: *dlp* DRAWN: *jsk* APPROVED: \_\_\_\_\_ DATE: 8-13-95 SCALE: 3/4\"/>



CLASS A



CLASS B



CLASS C

PIPE ZONE BACKFILLING

- $B_c$  = Outside Pipe Diameter
- H = Backfill from Top of Pipe to Existing Ground
- D = Inside Pipe Diameter
- d = Depth of Bedding Material Below Pipe

- = Granular Bedding Material or Sand-Gravel Bedding
- = Compacted Embedment
- = Concrete

| Depth of Bedding Material Below Pipe |             |             |
|--------------------------------------|-------------|-------------|
| D                                    | d(min) Soil | d(min) Rock |
| 27" & smaller                        | 4"          | 6"          |
| 30" to 60"                           | 5"          | 9"          |
| 66" & larger                         | 6"          | 12"         |

Granular Bedding Material shall be an approved material consisting of durable crushed rock conforming with the requirements of the latest revision of ASTM C-33 Size No. 67 (3/4" to No. 4); to be placed in not more than 6" layers and compacted by slicing with a shovel or vibrating. Soundness, abrasion, and absorption limits shall be as required for coarse aggregates in Section 03010-Concrete Work in the specifications.

Sand-Gravel Bedding Material - sand-gravel mix meeting Type UD-1 of the 1990 Kansas Standard Specifications for State Road and Bridge Construction.

Compacted Embedment shall be an approved sand material free from debris, organic material, and stones with 100% passing the 3/4" sieve to be placed in uniform layers not more than 6" thick and compacted to 95 percent maximum density as determined by ASTM D698. Granular Bedding Material may be substituted for all or part of Compacted Embedment Materials.

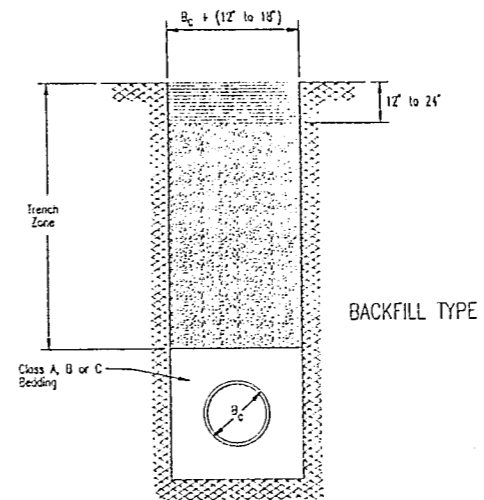
Class A "Concrete Cradle" and/or Class A "Concrete Encasement" is not required unless specified on the plans. However, where unexpected trench conditions exist or improper trenching is performed Class A Bedding may be required as determined by the Engineer.

Class B Bedding shall be used for all flexible pipe.

- a. Class B Normal Bedding shall be used for PVC Pipe unless wet conditions are encountered.
- b. Class B Improved Bedding shall be used for other flexible pipe, and for PVC pipe in wet conditions.

Class C Bedding shall be used for all rigid pipe.

- a. Class C Ordinary Bedding shall be used for all rigid pipe unless wet conditions are encountered.
- b. Class C Improved Bedding shall be used for wet conditions existing in the trench, as directed by the Engineer, at no additional cost to the Owner. The dimensions shall be equal to that required for "rock" excavation (see specifications).



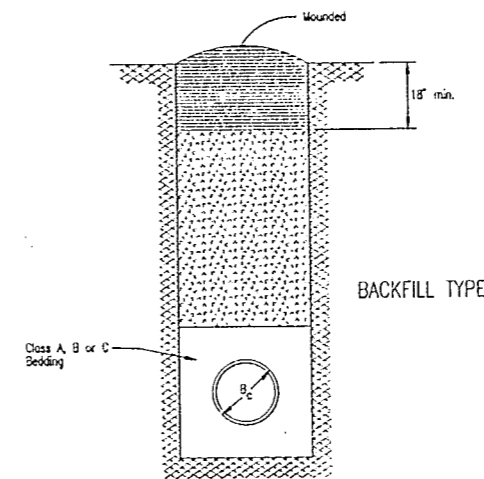
BACKFILL TYPE I

- $B_c$  = Outside Pipe Diameter
- = Compacted Granular Backfill
- = Uncompacted Earth Backfill
- = Compacted Earth Backfill

Compacted Granular Backfill material shall be an approved sand material free from debris, organic material and stones with 100% passing the 3/4" sieve and not more than 15% passing a No. 200 sieve; to be jetted and mechanically vibrated into place and compacted to 95% density as determined by ASTM D698.

Uncompacted Earth Backfill material may be natural soil free from large clods or stones, brush, roots more than 2 inches in diameter, debris, and junk. Flooding with water shall be provided as directed by the Engineer.

Compacted Earth Backfill shall consist of material existing prior to trenching or selected material as directed by the Engineer, and shall be compacted to 90% density as determined by ASTM D698.



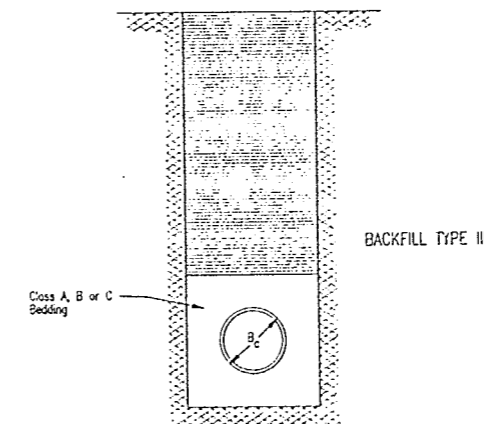
BACKFILL TYPE II

Backfill: Backfill material and compaction requirements shall conform to either Type I, Type II or Type III as specified in the plans. One year maintenance will be required on all backfill.

Backfilling Through Rock: Backfilling through rock shall be performed as specified in the paragraph Backfill above, except that the Pipe Zone is increased to provide eighteen (18) inches of cover over the pipe. When approved by the Engineer the remainder of the backfill may be excavated rock provided the excavated rock has been broken up so that earth and rock will thoroughly mix and not result in voids around the larger pieces of rock. Any excess rock remaining after the trench has been backfilled shall be removed or wasted as directed by the Engineer.

Backfilling Under Pavement: Backfilling under existing or proposed pavement shall be performed as Backfill Type I to a level of two (2) feet from the bottom of the pavement. The remainder of the trench shall be backfilled with selected material, sufficiently damp to be properly compacted in layers not exceeding six (6) inches in depth, compaction shall be performed with mechanical tampers and continued until a relative density of 100 percent of standard density, in conformance with ASTM D698 is attained.

Backfilling Under Gravel Streets: Where the trench crosses or is in existing gravel surfaced streets, the backfill shall be compacted as provided in the paragraph "Backfilling Under Pavement".

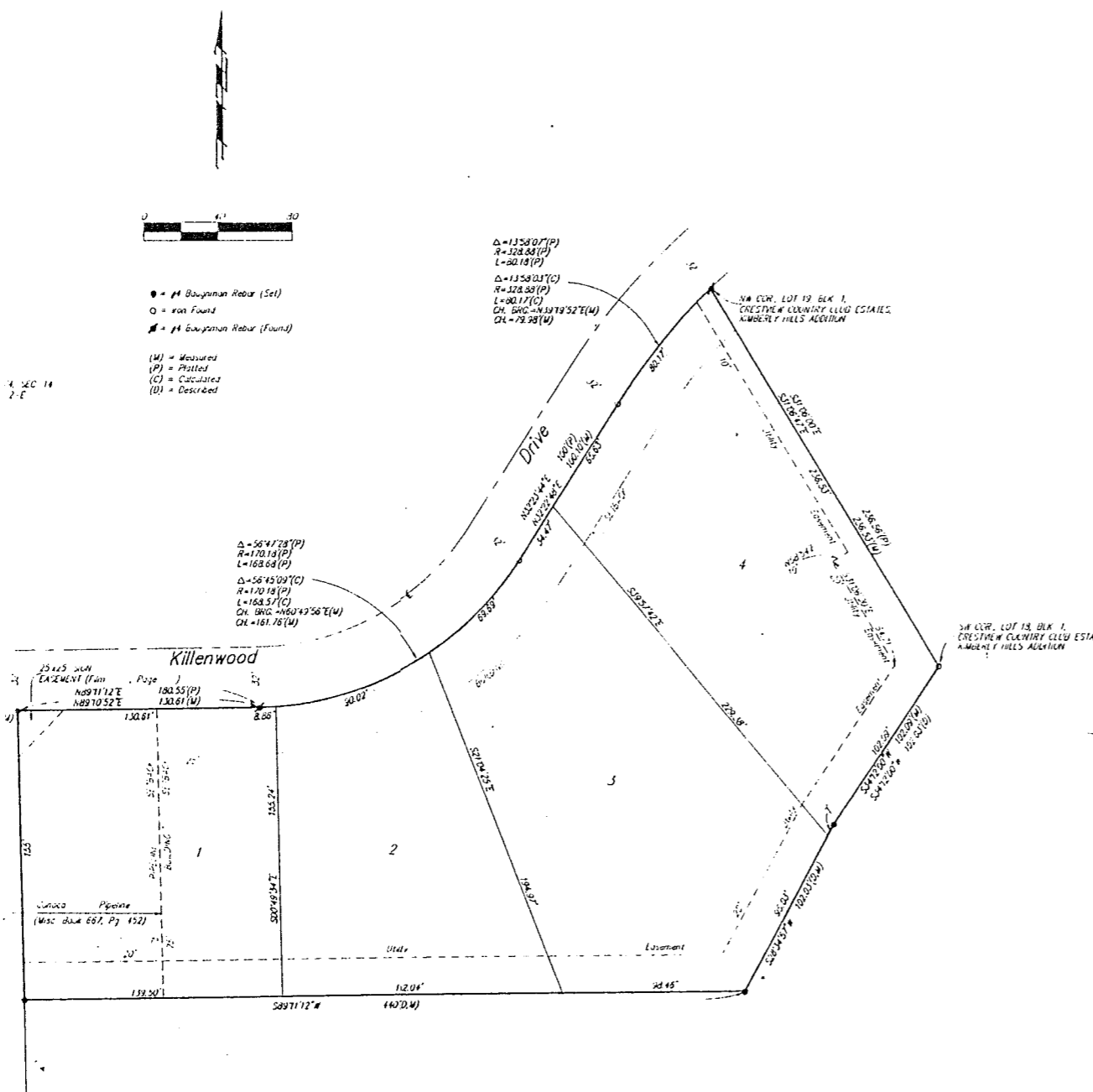


BACKFILL TYPE III

TRENCH ZONE BACKFILLING

|                                    |       |          |         |       |       |
|------------------------------------|-------|----------|---------|-------|-------|
| BACKFILL DETAILS                   |       |          |         |       |       |
| SEDGWICK COUNTY KANSAS             |       |          |         |       |       |
| TIMBERLY HILLS 2ND ADDITION        |       |          |         |       |       |
| BAUGHMAN COMPANY P. A.             |       |          |         |       |       |
| ENGINEERING, SURVEYING, & PLANNING |       |          |         |       |       |
| PROJECT NUMBER                     |       |          |         |       | SHEET |
|                                    |       |          |         |       | 5     |
| DESIGN                             | DRAWN | APPROVED | DATE    | SCALE |       |
| ELP                                | JAY   |          | 8-19-16 | NONE  | 6     |

# CRESTVIEW COUNTRY CLUB ESTATES KIMBERLY HILLS 2ND ADDITION SEDGWICK COUNTY, KANSAS



State of Kansas) SS We, Boughman Company, P.A., Surveyors in Sedgwick County and State do hereby certify that we have surveyed and plotted "CRESTVIEW COUNTRY CLUB ESTATES, KIMBERLY HILLS 2ND ADDITION", Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows: Beginning at a point on the west line of the NW 1/4 of Sec. 14, Twp. 27-S, R-2-E of the 6th P.M., Sedgwick County, Kansas, said point being 1593.28 feet south of the NW Corner of said NW 1/4; thence N 89° 12' 52" E along the south line of Killenwood Drive as plotted in Crestview Country Club Estates, Kimberly Hills Addition to Sedgwick County, Kansas, 180.55 feet to the P.C. of a curve to the left; thence along said curve, having a central angle of 56° 47' 28" and a radius of 170.18 feet, an arc distance of 168.68 feet, (having a chord length of 155.27 feet bearing N 59° 32' 11" E), to the P.T. of said curve; thence N 52° 23' 44" E along the south line of said Killenwood Drive, 100 feet to the P.C. of a curve to the right; thence along said curve, having a central angle of 13° 58' 07" and a radius of 328.88 feet, an arc distance of 80.18 feet, (having a chord length of 79.98 feet bearing N 39° 22' 47" E), to the NW Corner of Lot 19, Block 1, in said Crestview Country Club Estates, Kimberly Hills Addition; thence S 31° 06' 00" E along the west line of said Lot 19 and Lot 18 in said Block 1, 236.56 feet to the SW Corner of said Lot 18; thence S 34° 12' 00" W, 102.03 feet; thence S 28° 34' 57" W, 102.03 feet; thence S 89° 11' 12" W, 440 feet to a point on the west line of said NW 1/4, said point being 155 feet south of the point of beginning; thence N 00° 48' 48" W along the west line of said NW 1/4, 155 feet to the point of beginning.

This plat of "CRESTVIEW COUNTRY CLUB ESTATES, KIMBERLY HILLS 2ND ADDITION", Sedgwick County, Kansas has been submitted to and approved by the Wichita, Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.  
 Dated this \_\_\_\_\_ day of \_\_\_\_\_, 1996.  
 Wichita-Sedgwick County Metropolitan Area Planning Commission

\_\_\_\_\_  
 Susan Osborne-Howes Chair

\_\_\_\_\_  
 Marvin S. Krout Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 1996.

\_\_\_\_\_  
 Bob Knight Mayor

\_\_\_\_\_  
 Pat Burnett City Clerk

Existing public easements and dedications being vacated by virtue of K.S.A. 12-512(b).

Baughman Co., P.A.  
 Michael G. Conroy  
 Michael G. Conroy  
 Registered Professional Surveyor  
 License No. 15-91-27-96  
 State of Kansas

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into Lots and a Street to be known as "CRESTVIEW COUNTRY CLUB ESTATES, KIMBERLY HILLS 2ND ADDITION", Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public. All abutters rights of access to or from 127th Street East over and across the west line of Lot 1 are hereby granted to the appropriate governing body.

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of Sedgwick County, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 1996.

\_\_\_\_\_  
 Thomas G. Winters Chairman

\_\_\_\_\_  
 Melody Miller Chair Pro-Tem

\_\_\_\_\_  
 Betsy Gwin Commissioner

\_\_\_\_\_  
 Paul H. Hancock Commissioner

\_\_\_\_\_  
 Mark F. Schroeder Commissioner

\_\_\_\_\_  
 Susan E. Crockett-Spoon County Clerk

Michael A. Mueller  
 Michael A. Mueller

Susan R. Mueller  
 Susan R. Mueller

George J. Jabara  
 George J. Jabara

Betty J. Jabara  
 Betty J. Jabara

State of Kansas) SS The foregoing instrument acknowledged before me, this 28th day of June, 1996, by Michael A. Mueller and Susan R. Mueller, husband and wife.

KATHERINE L. O'MARA  
 Notary Public  
 My App't. Exp. \_\_\_\_\_

State of Kansas) SS The foregoing instrument acknowledged before me, this 28th day of June, 1996, by George J. Jabara and Betty J. Jabara, husband and wife.

KATHERINE L. O'MARA  
 Notary Public  
 My App't. Exp. \_\_\_\_\_

Entered on transfer record this \_\_\_\_\_ day of \_\_\_\_\_, 1996.

\_\_\_\_\_  
 Susan E. Crockett-Spoon County Clerk

We, the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of "CRESTVIEW COUNTRY CLUB ESTATES, KIMBERLY HILLS 2ND ADDITION", Sedgwick County, Kansas.  
 Prairie State Bank

Chris A. Anderson  
 CHRS. A. ANDERSON

State of Kansas) SS The foregoing instrument acknowledged before me, this \_\_\_\_\_ day of \_\_\_\_\_, 1996, by Chris A. Anderson, of Prairie State Bank, on behalf of the bank.

My App't. Exp. 9-27-97  
 Notary Public

State of Kansas) SS This is to certify that this plat has been filed for record in the office of the Register of Deeds, this \_\_\_\_\_ day of \_\_\_\_\_, 1996, at \_\_\_\_\_ o'clock \_\_\_\_\_ M.; and is duly recorded.

\_\_\_\_\_  
 Pat Kettler Register of Deeds

\_\_\_\_\_  
 Ed Resa Deputy