

Need C. I. P. Request form  
Drainage improvements

3100 blk. Yale St.

Residents on Yale St. have requested an underground storm sewer system to eliminate surface drainage problems of property flooding. Public Street drains across private property. Owners will dedicate necessary easement for construction & maintenance if the City will construct drainage system.  
Estimated cost = \$10,000

7643

Drainage

3017 & 3025

So. Yale

685-7340 Mrs. Erbert

MU 55840 Leo Withers  
3129 So. Yale

need easement 67210

January 15, 1976

Mr. Leo Withers  
3129 South Yale  
Wichita, Kansas

RE: Drainage Problem on South  
Yale Street - Planeview

Dear Mr. Withers:

The Engineering Division of the Department of Public Works will submit a 1976 budget request for funds to construct an underground drainage system at the north end of Yale Street in Planeview. The proposed system will alleviate the surface drainage problem between Lots 54 and 55, Block F, Planeview Sub. No. 2.

The attached drainage easement will grant the right for the City to construct and maintain the drainage system. The instrument should be signed by you and your wife, notarized, and returned to this office.

If additional information is necessary, please contact me.

Very truly yours,

R. W. Linn  
City Engineer

RWL:tn

September 10, 1973

Mr. Richard Croney  
5919 Jones  
Wichita, Kansas

*524-3650 Lot 55 - west 6'*

RE: Drainage problem on South  
Yale Street - Planeview

Dear Mr. Croney:

The Engineering Division of the Department of Public Works will submit a 1974 budget request for funds to construct an underground drainage system at the north end of Yale Street in Planeview. The proposed system will alleviate the surface drainage problem between Lots 54 and 55, Block F, Planeview Sub. No. 2.

The attached drainage easement will grant the right for the City to construct and maintain the drainage system. The instrument should be signed by you and your wife, notarized, and returned to this office.

If additional information is necessary, please contact me.

Very truly yours,

R. W. Linn  
City Engineer

RWL:tn

Enclosure

cc: George Wilton

DRAINAGE EASEMENT

THIS EASEMENT made this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_,  
by and between \_\_\_\_\_ of the first part  
and the City of Wichita on the second part.

WITNESSETH: That the said first part\_\_\_\_, in consideration of the sum  
of One Dollar (\$1.00) and other valuable consideration, the receipt whereof is  
hereby acknowledged, do hereby grant and convey unto the said second party a perpetual  
right-of-way and easement for the purpose of constructing, maintaining, and repairing  
drainage system according to the plans and specifications now on file in the office  
of the City Engineer of the City of Wichita, Kansas, over, along and under the following  
described real estate situated in Sedgwick County, Kansas; to wit:

**Six (6) foot wide easement adjacent to the southwest line of Lot 55, Block F,  
Planeview Sub. No. 2**

And said second party is hereby granted the right to enter upon said premises  
at any time for the purpose of constructing, operating, maintaining, and repairing  
such drainage system.

IN WITNESS WHEREOF: The said first part\_\_\_\_ ha\_\_\_\_ signed these presents  
the day and year first written.

\_\_\_\_\_  
\_\_\_\_\_

STATE OF KANSAS )  
SEDGWICK COUNTY ) SS

Personally appeared before me, a notary public, in and for the County and  
State aforesaid \_\_\_\_\_  
to me personally known to be the same person\_\_\_\_ who executed the foregoing  
instrument of writing and said person\_\_\_\_ duly acknowledged the execution thereof.

Dated at Wichita, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

September 10, 1973

Mr. K. Erbert  
2956 South Roosevelt  
Wichita, Kansas

685-7340 Lot 54 - north 6'

RE: Drainage problem on South  
Yale Street - Planeview

Dear Mr. Erbert:

The Engineering Division of the Department of Public Works will submit a 1974 budget request for funds to construct an underground drainage system at the north end of Yale Street in Planeview. The proposed system will alleviate the surface drainage problem between Lots 54 and 55, Block F, Planeview Sub. No. 2.

The attached drainage easement will grant the right for the City to construct and maintain the drainage system. The instrument should be signed by you and your wife, notarized, and returned to this office.

If additional information is necessary, please contact me.

Very truly yours,

R. W. Linn  
City Engineer

RWL:tn

Enclosure

cc: George Wilton

DRAINAGE EASEMENT

THIS EASEMENT made this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_,  
by and between \_\_\_\_\_ of the first part  
and the City of Wichita on the second part.

WITNESSETH: That the said first part\_\_\_\_, in consideration of the sum  
of One Dollar (\$1.00) and other valuable consideration, the receipt whereof is  
hereby acknowledged, do hereby grant and convey unto the said second party a perpetual  
right-of-way and easement for the purpose of constructing, maintaining, and repairing  
drainage system according to the plans and specifications now on file in the office  
of the City Engineer of the City of Wichita, Kansas, over, along and under the following  
described real estate situated in Sedgwick County, Kansas; to wit:

**Six (6) foot wide easement adjacent to the northerly line of Lot 54, Block F,  
Planeview Sub. No. 2**

And said second party is hereby granted the right to enter upon said premises  
at any time for the purpose of constructing, operating, maintaining, and repairing  
such drainage system.

IN WITNESS WHEREOF: The said first part\_\_\_\_ ha\_\_\_\_ signed these presents  
the day and year first written.

\_\_\_\_\_  
\_\_\_\_\_

STATE OF KANSAS )  
SEDGWICK COUNTY ) SS

Personally appeared before me, a notary public, in and for the County and  
State aforesaid \_\_\_\_\_  
to me personally known to be the same person\_\_\_\_ who executed the foregoing  
instrument of writing and said person\_\_\_\_ duly acknowledged the execution thereof.

Dated at Wichita, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

DRAINAGE EASEMENT

THIS EASEMENT made this 14th day of September, 19 73,

by and between Kenneth F. Erbert and Marilee Erbert of the first part and the City of Wichita on the second part.

WITNESSETH: That the said first part s, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, the receipt whereof is hereby acknowledged, do hereby grant and convey unto the said second party a perpetual right-of-way and easement for the purpose of constructing, maintaining, and repairing drainage system according to the plans and specifications now on file in the office of the City Engineer of the City of Wichita, Kansas, over, along and under the following described real estate situated in Sedgwick County, Kansas; to wit:

Six (6) foot wide easement adjacent to the northerly line of Lot 54, Block F, Planeview Sub. No. 2

And said second party is hereby granted the right to enter upon said premises at any time for the purpose of constructing, operating, maintaining, and repairing such drainage system.

IN WITNESS WHEREOF: The said first part s have signed these presents the day and year first written.

Kenneth F. Erbert  
Marilee Erbert

STATE OF KANSAS }  
SEDGWICK COUNTY } SS

Personally appeared before me, a notary public, in and for the County and State aforesaid Kenneth F. Erbert & Marilee Erbert

to me personally known to be the same person s who executed the foregoing instrument of writing and said person s duly acknowledged the execution thereof.

Dated at Wichita, Kansas, this 14<sup>th</sup> day of September, 19 73

Chrissa Loux  
Notary Public

My Commission Expires Nov. 18, 1973



Dick

Kerby updated est to  
\$800 for drainage on  
Yale. Prob better use  
\$10,000<sup>00</sup> for request

We sent micro film  
out for print to be  
made not back yet

Bill couldn't find any  
drawings

D



DRAINAGE TO CUL-DE-SAC ON YALE STREET  
NORTH OF DUNHAM AVE.

D.A. approx 300' x 800' or 5.4 Ac

Time of concentration Length of Flow 1000

Drop  $1.5(1.42 - 126.30) = 25.12$

$t_c = \frac{180}{7(2.24)} = 11.5 \text{ mins}$  Use 12 mins

$I_2 = 3.60$        $Q_2 = 9.7$       Requires 2 inlets

$I_5 = 4.60$        $Q_5 = 12.4$       Requires 3 inlets

$I_{10} = 5.31$        $Q_{10} = 14.3$       Requires 3 inlets

Design for 14 cfs with 3 inlets or  $4\frac{2}{3}$  cfs per inlet

Water at gutter at inlet = 0.31' deep (loss 0.17')

Water at upstream of reach  $126.30 - 0.55 + 0.31 - 0.17 = 125.89$

Water at downstream of reach @ 120.7

$Q = 14 \text{ cfs}$  Length = 160' Drop of Water 5.2'

Try 24" RCP @ 0.38%  $V = 4.4$  Required Drop = 0.61 + 0.21 = 0.82'

Try 18" RCP @ 1.9%  $V = 7.9$  Required Drop = 3.03 + 0.68 = 3.71'

Try 15" RCP @ 4.8%  $V = 11.4$  Required Drop = 7.69 + 1.41 = 9.10'

Use three inlets; connect side inlets to center inlet with 15" RCP

Outfall center inlet by 160' of 18" RCP Upstream EL = 122.4

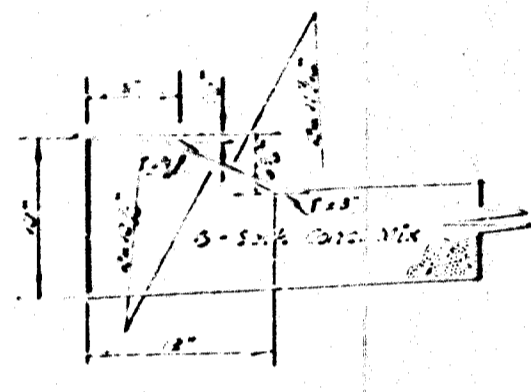
Downstream EL = 119.2

Pipe slope at 2%

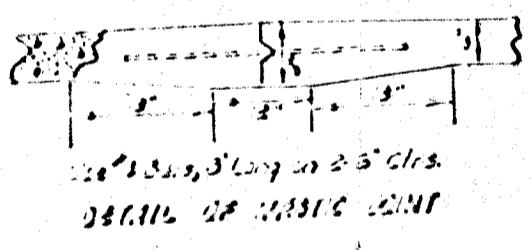
S W 1/4 SEC. 2 TWP. 28 S. R. 1 E.



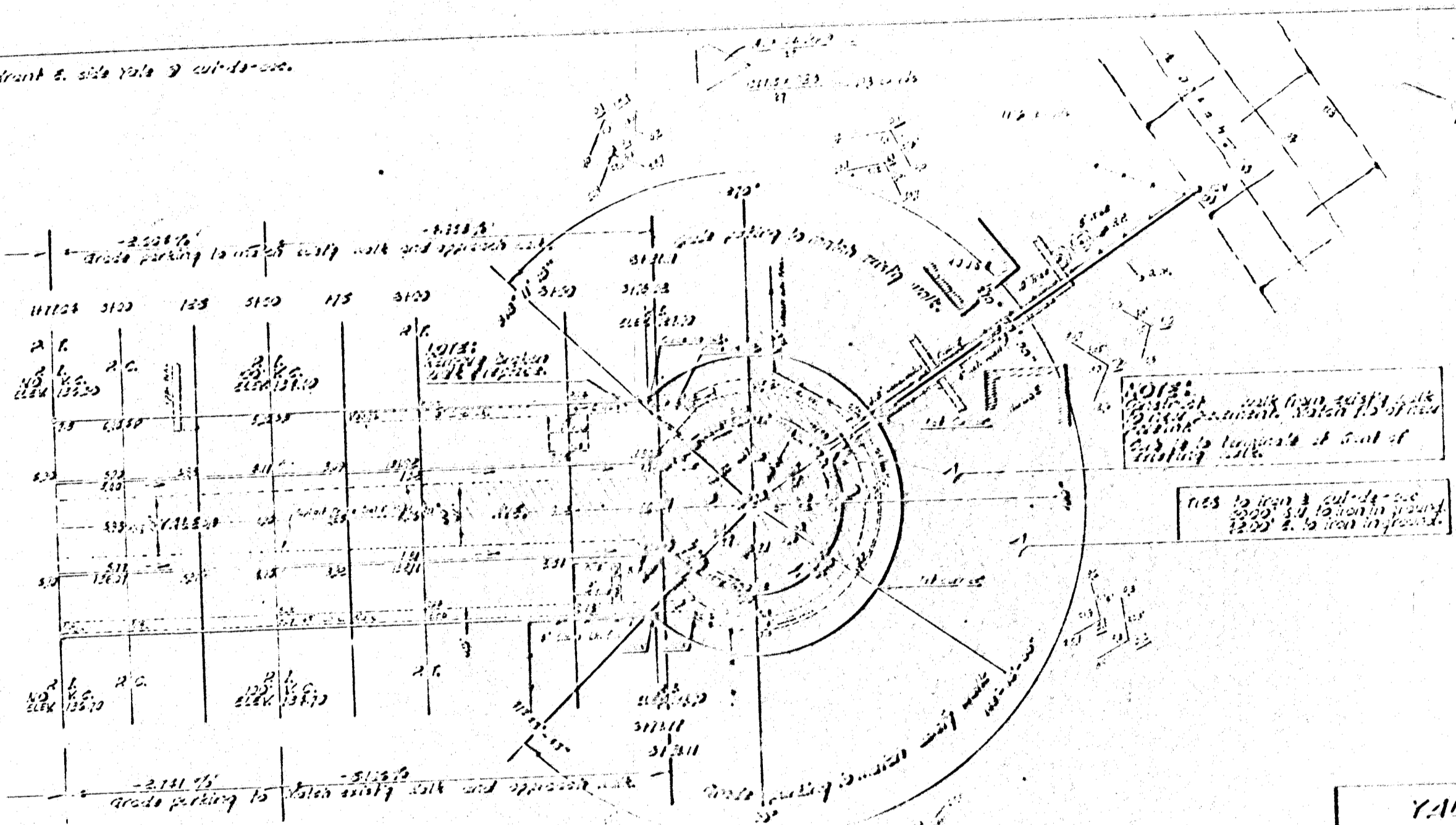
3. M. 115 3. 3. 11 with 20' flange fire hydrant E. side Yale St cut-48-200.



ROLL CURB DETAIL



DETAIL OF MUSIC CURB



NOTE: This hydrant is to be installed on the E. side of Yale St. at the intersection of Cut-48-200. The hydrant is to be installed at a depth of 15' below ground level.

115 to rear of cut-48-200 200' to rear of cut-48-200 1200' to rear of cut-48-200

YALE AVE.  
CUT-48-200