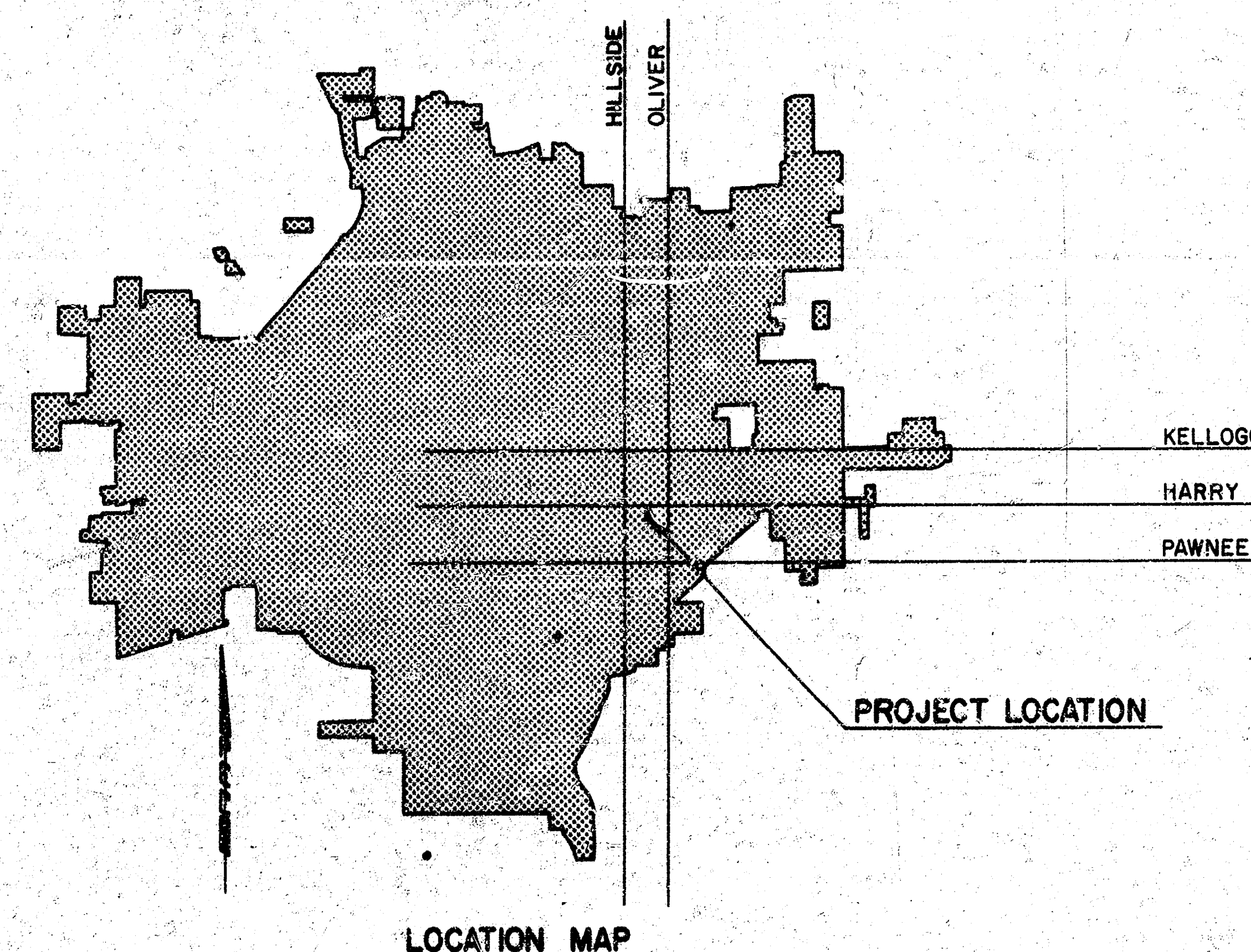


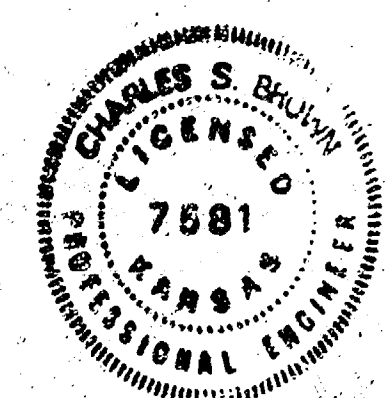
# CONSTRUCTION PLANS FOR STREET IMPROVEMENTS IN GEORGETOWN II ADDITION WICHITA, KANSAS KANSAS GENERAL PROPERTIES, INC.

| INDEX OF SHEETS |                                     |
|-----------------|-------------------------------------|
| SHEET NO. 1     | TITLE SHEET                         |
| " 2             | GENERAL PROJ. INFO.                 |
| " 3             | TYPICAL SECTS. & PAVING DET.        |
| " 4             | DRIVEWAY DETAILS                    |
| " 5             | PAVING PLAN STA 0+99.99 TO STA 6+50 |
| " 6             | " " STA 6+50 TO STA 14+25           |
| " 7             | " " STA 14+25 TO STA 22+07.05       |
| " 8             | " " STA 22+07.05 TO STA 28+29.11    |
| " 9-16          | CROSS SECTIONS                      |



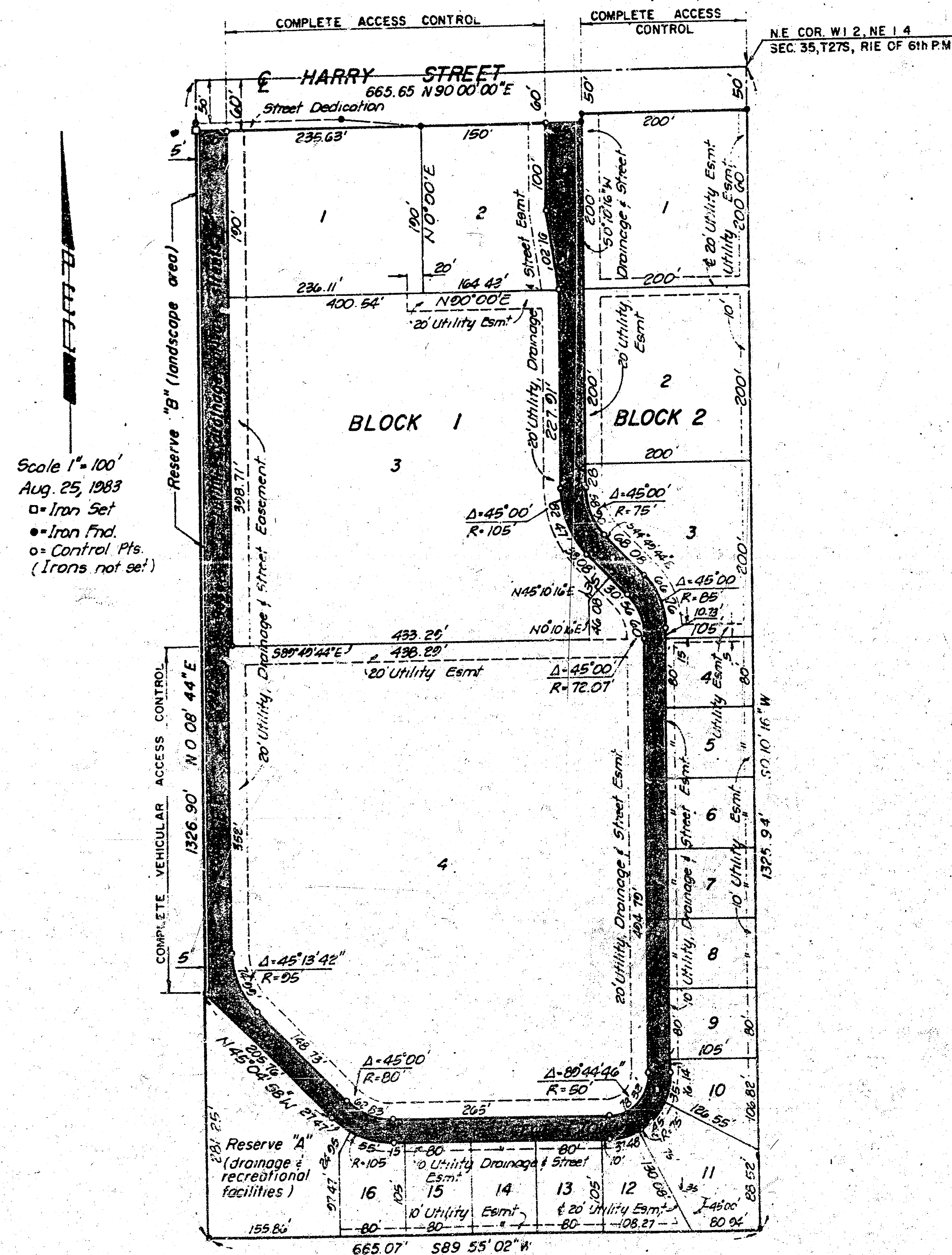
DECEMBER 1983

PLANS PREPARED BY  
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS



# GEORGETOWN II

## Wichita, Sedgwick County, Kansas.



### BENCH MARKS

|         |                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| BM #4   | SOUTH RM OF MASHOLE LOCATED IN LOT 13, BLOCK 2, GEORGETOWN II ADDITION. EL. = 136.74                                                    |
| BM #5   | CHISELED "I" ON TOP OF CURB, SOUTH SIDE OF HARRY STREET, 101' WEST OF WEST PROPERTY LINE OF GEORGETOWN II ADDITION. EL. = 155.69        |
| BM #6   | RAILROAD SPIKE ON EAST SIDE OF POWER POLE, NORTH SIDE OF HARRY STREET, 58.5' EAST OF WEST LINE OF GEORGETOWN II ADDITION. EL. = 155.395 |
| CITY BM | BENCH MARK DISC ON WEST END OF NORTH HUBBARD ON RCB, APPROXIMATELY 150' EAST OF OLIVER AND HARRY STREETS. EL. = 142.433                 |

### SUMMARY OF QUANTITIES

| ITEM NO. | DESCRIPTION                  | QUANTITY | UNIT |
|----------|------------------------------|----------|------|
| 1.       | UNCLASSIFIED EXCAVATION      | 4,541    | C.Y. |
| 2.       | 6" LIME TREATED SUBGRADE     | 8,913    | S.Y. |
| 3.       | 7" ASPHALT PAVEMENT          | 6,694    | S.Y. |
| 4.       | 2" ASPHALT BASE              | 1,860    | S.Y. |
| 5.       | STANDARD CURB AND GUTTER     | 4,421    | L.F. |
| 6.       | ROLL TYPE CURB AND GUTTER    | 83       | L.F. |
| 7.       | MEDIAN CURB & GUTTER         | 160      | L.F. |
| 8.       | SPECIAL ROLL CURB AND GUTTER | 952      | L.F. |
| 9.       | INLET CONNECTIONS            | 12       | Ea.  |

### EARTHWORK SUMMARY

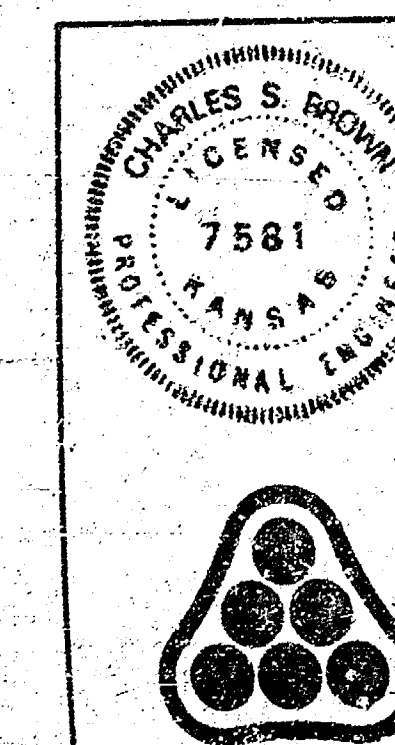
|                         |             |
|-------------------------|-------------|
| UNCLASSIFIED EXCAVATION | 4,541 C.Y.  |
| FILL                    | 1,406 C.Y.* |
| EXCESS MATERIAL         | 3,135 C.Y.* |

\* INCLUDES ADDITIONAL 25% FOR SHRINKAGE  
\* SEE GENERAL NOTES FOR DETAILED NOTES

### GENERAL NOTES

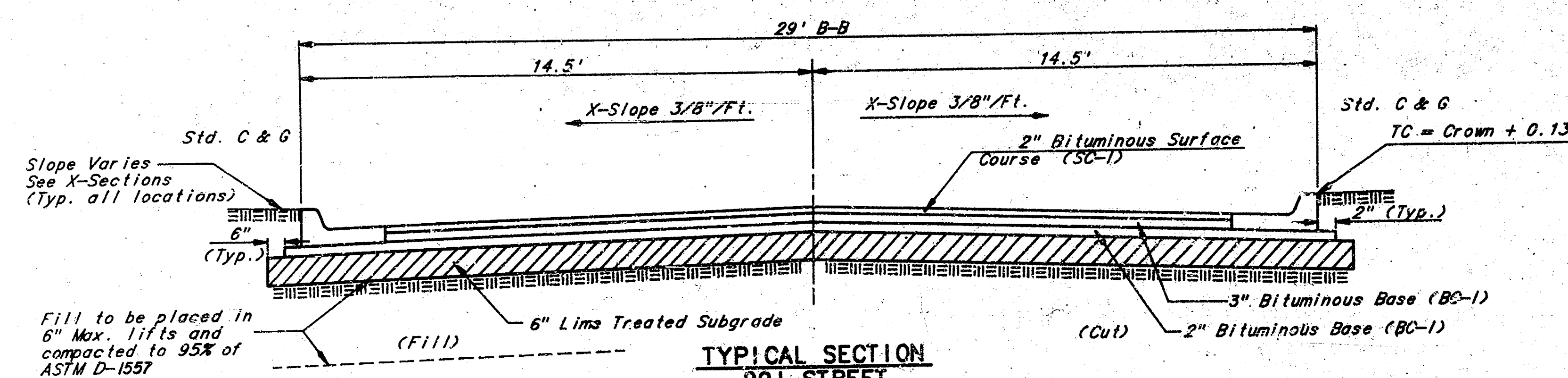
- ALL ELEVATIONS BASED ON CITY OF WICHITA DATUM. (MEAN SEA LEVEL - 1187.4)
- ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- THE CONTRACTOR SHALL ERECT WARNING SIGNS, FLASHING LIGHTS, AND/OR BARRICADES TO INSURE SAFETY AS DIRECTED BY THE ENGINEER. ALL TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE MUTCD.
- THE CONTRACTOR SHALL NOTIFY EACH OF THE FOLLOWING UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION AND SHALL REQUEST THAT ALL EXISTING LINES BE FLAGGED:
 

|                                                                                      |                                                                                                            |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| KANSAS GAS & ELECTRIC COMPANY<br>1900 EAST CENTRAL<br>264-1111 (EXT. 248) JERRY LANE | CITY OF WICHITA WATER DEPT.<br>455 N. MAIN STREET<br>268-4555, BENNY GEGEN                                 |
| SOUTHWESTERN BELL TELEPHONE<br>154 NORTH BROADWAY<br>262-5500                        | CITY OF WICHITA PUBLIC WORKS<br>ENGINEERING DEPARTMENT<br>455 NORTH MAIN STREET<br>268-4501, DON SCHNEIDER |
| GAS SERVICE COMPANY<br>1021 E. 26TH RD.<br>263-7511, GENE CURLESS                    | AIR CAPITAL CABLEVISION<br>705 N. BROADWAY<br>267-2889                                                     |
- THE CONTRACTOR MUST ALSO NOTIFY THE TELEPHONE COMPANY 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WORK NEAR BURIED TELEPHONE LINES.
- THE CONTRACTOR SHALL BEGIN WORK WITHIN 10 CALENDAR DAYS AFTER THE NOTICE TO PROCEED AND SHALL COMPLETE THE WORK WITHIN 60 CALENDAR DAYS THEREAFTER. FAILURE TO COMPLETE THE WORK WITHIN THE ALLOTTED TIME WILL RESULT IN THE CONTRACTOR BEING SUBJECT TO LIQUIDATED DAMAGES IN THE AMOUNT OF \$400 PER DAY.
- THE CONTRACTOR WILL BE REQUIRED TO COORDINATE HIS WORK WITH OTHER CONTRACTORS ON THE PROJECT SITE, SUCH AS CONTRACTORS FOR SANITARY SEWER, WATER, DETENTION POND AND HARRY STREET IMPROVEMENTS.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL BENCH MARKS, REFERENCE POINTS AND STAKES AND, IN CASE OF WILLFUL OR CARELESS DESTRUCTION, SHALL BE CHARGED WITH RESULTING EXPENSE AND SHALL BE RESPONSIBLE FOR ANY MISTAKES THAT MAY BE CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- EXCESS MATERIAL SHALL BE EMBANKED ON SITE AS DIRECTED BY THE ENGINEER.
- BROKEN CONCRETE REMOVED BY THE STREET CONTRACTOR SHALL BE STOCK-PILED FOR OTHER CONTRACTORS IF SUITABLE. EOR. RIP RAP
- BROKEN ASPHALT REMOVED BY THE STREET CONTRACTOR SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
- THE QUANTITIES SHOWN ARE APPROXIMATE AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL CONSTRUCT THE PROJECT ACCORDING TO THE INTENT OF THE PLANS AND SPECIFICATIONS AND SHALL SATISFY HIMSELF OF ALL WORK ITEMS AND QUANTITIES ACCORDINGLY. A LUMP SUM BID SHALL BE SUBMITTED FOR THE SATISFACTORY COMPLETION OF THE ENTIRE PROJECT.
- THE OWNER WILL FURNISH HORIZONTAL CONTROL POINTS FOR LOCATING THE PRINCIPAL COMPONENTS OF THE WORK, TOGETHER WITH A SUITABLE NUMBER OF BENCH MARKS ADJACENT TO THE WORK. FROM THE INFORMATION PROVIDED BY THE OWNER, THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAIL SURVEYS, ADJUSTED FOR CURVATURE, WITH AS SLOPE STAKES, BLUE TOPS, BATTER BOARD, SIGHTING AND OTHER WORKING POINTS, LINES, AND ELEVATIONS.

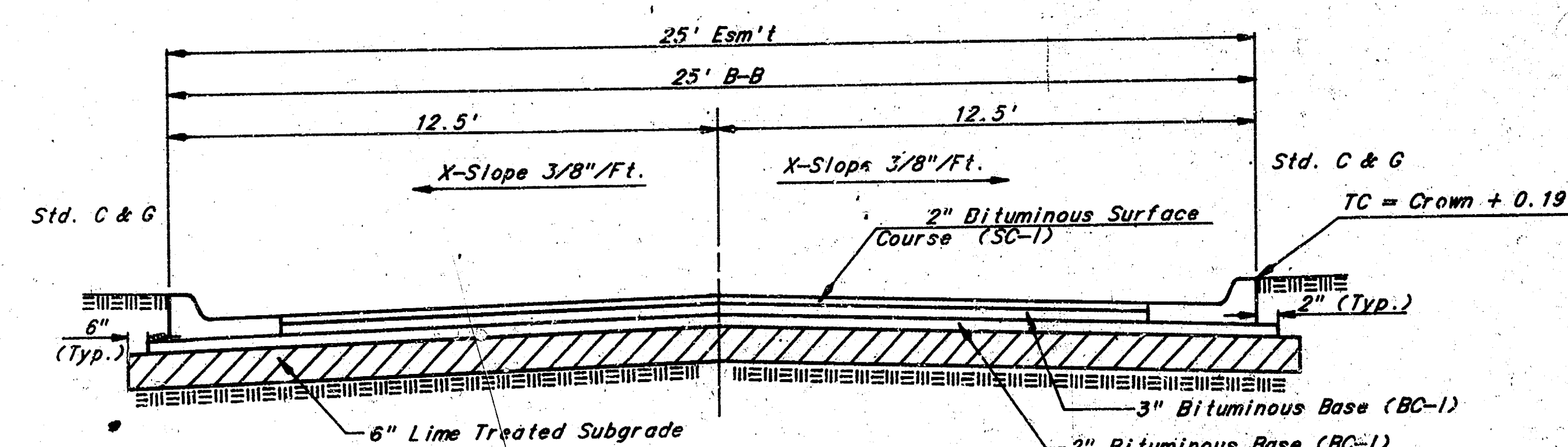


|                                                                                                                                                                                                                     |                    |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|
| 1 Unc. Exc. Qty.; Add Earthwork Sum.                                                                                                                                                                                |                    | CB 2-23-84   |
| No.                                                                                                                                                                                                                 | Revision           | By Date      |
| <b>GEORGETOWN II</b><br><b>STREET IMPROVEMENTS</b><br><b>GENERAL PROJECT</b><br><b>INFORMATION</b><br>KANSAS GENERAL PROPERTIES, INC.<br>PROFESSIONAL ENGINEERING CONSULTANTS, P.A.<br>ENGINEERS<br>WICHITA, KANSAS |                    |              |
| Designed by C58                                                                                                                                                                                                     | Job No. 36-82522-2 | Shi. 2 of 16 |
| Drawn by E5                                                                                                                                                                                                         | Date               |              |

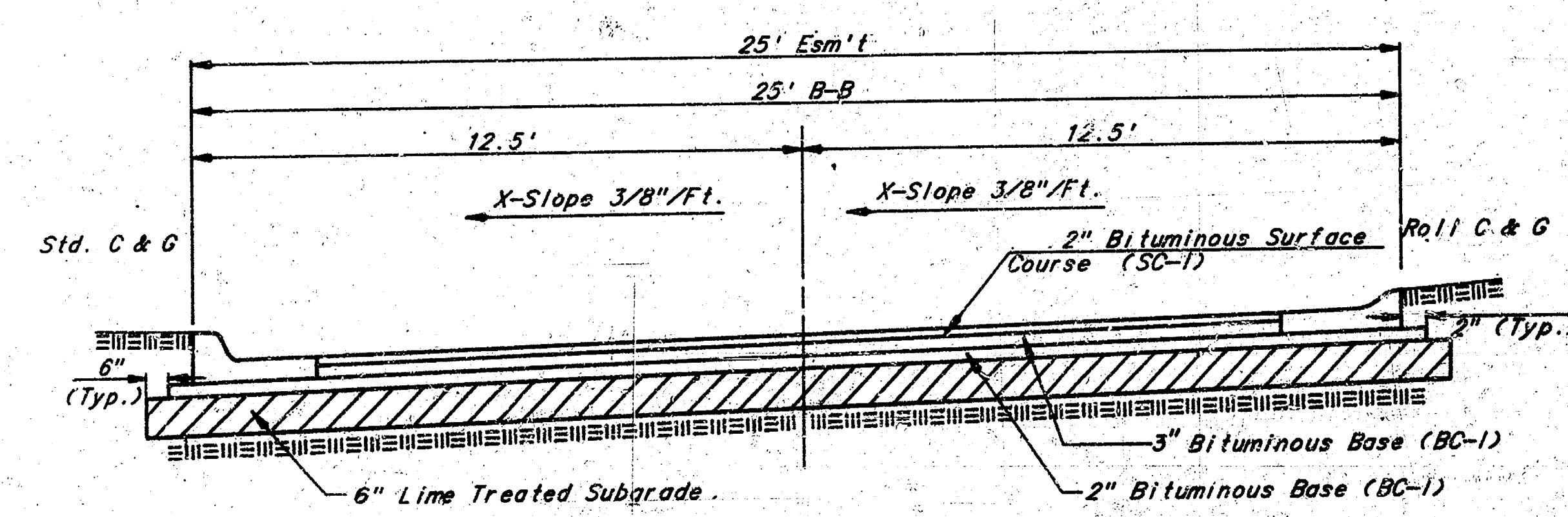
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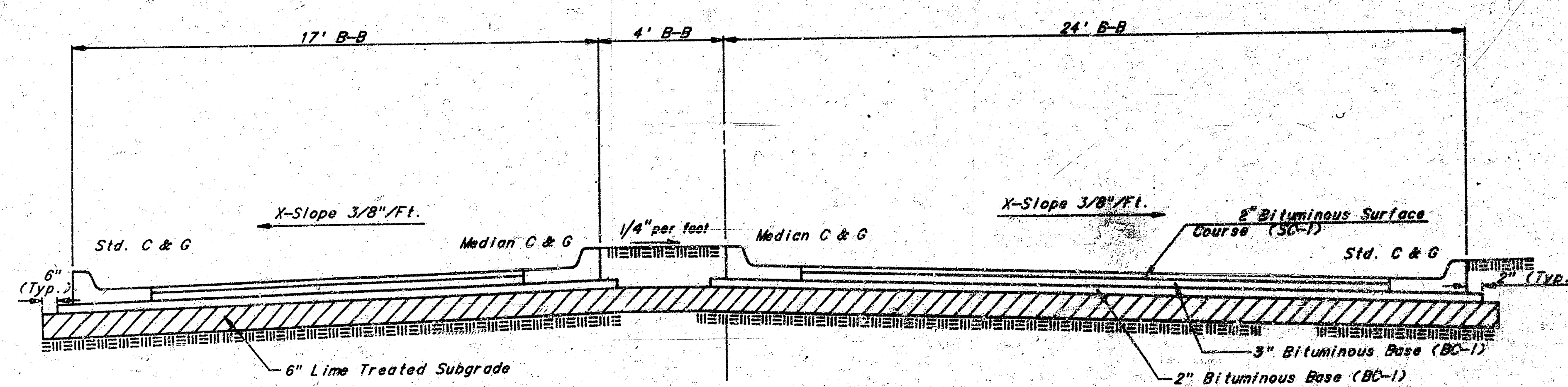
**TYPICAL SECTION  
29' STREET**  
Sta. 0+99.99 to Sta. 6+08.70  
Sta. 22+72.35 to Sta. 26+39.02



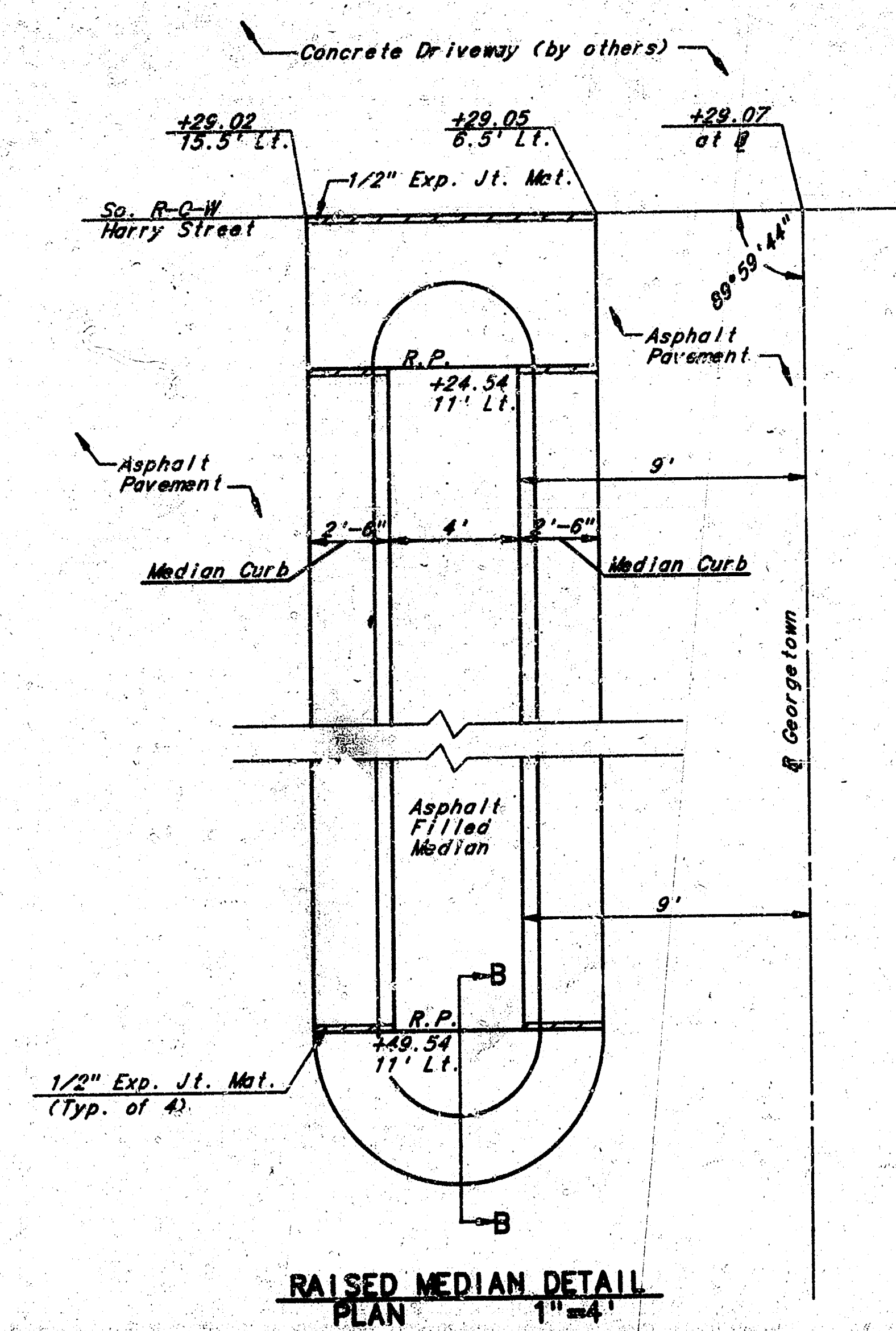
**TYPICAL SECTION  
25' STREET**  
Sta. 6+88.70 to Sta. 12+74.29



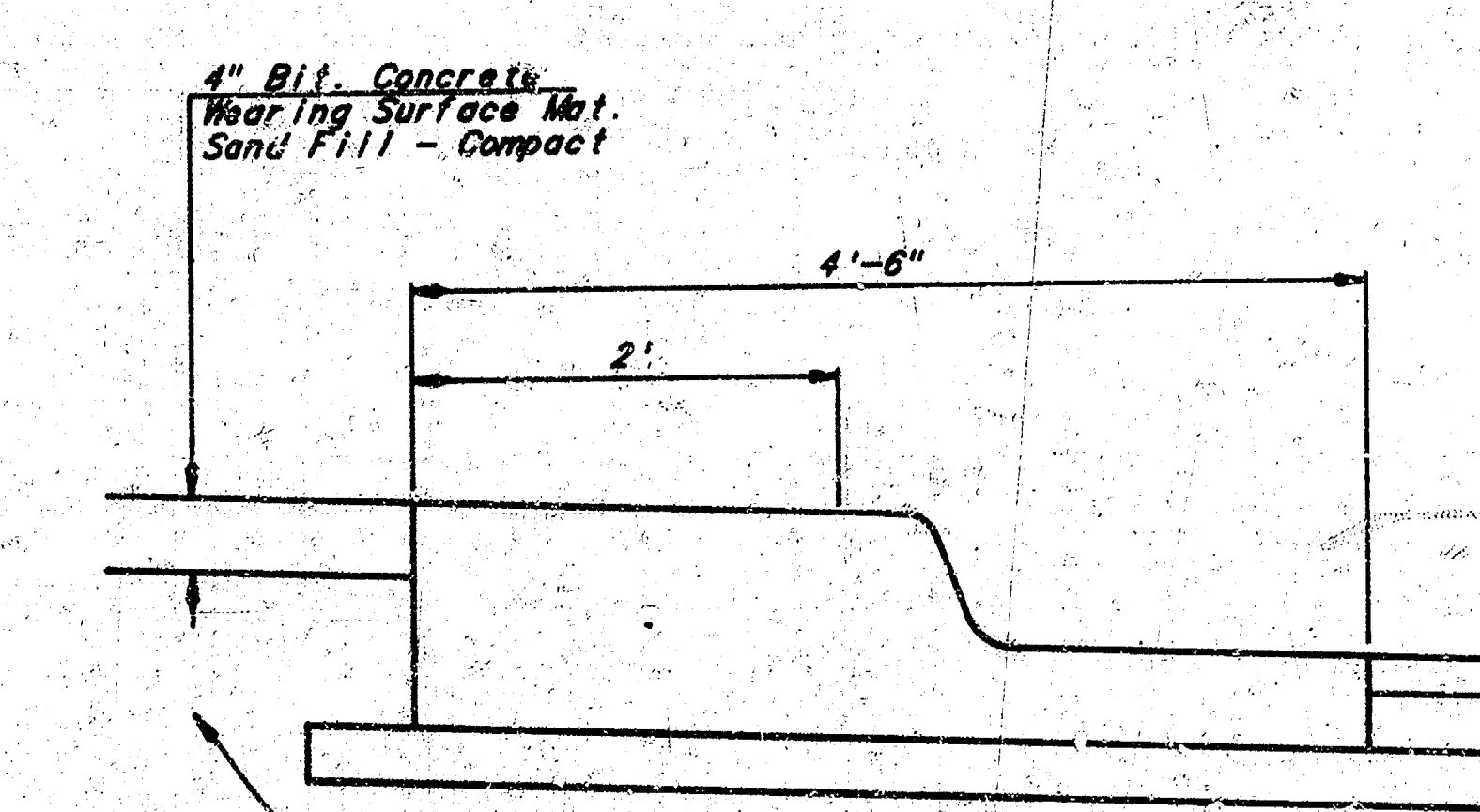
**TYPICAL SECTION  
25' STREET**  
Sta. 13+46.94 to Sta. 22+07.05



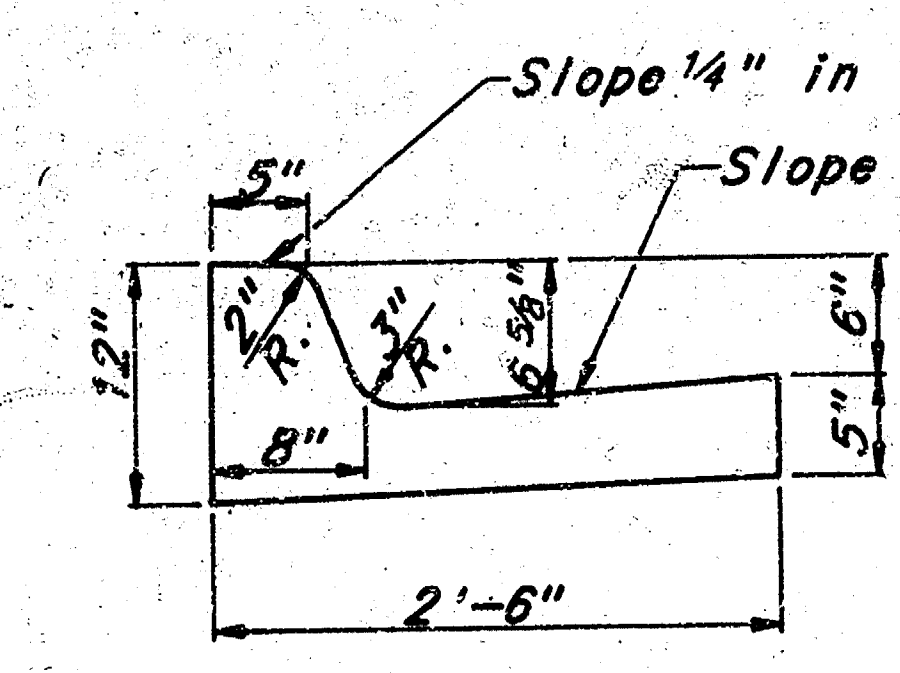
**TYPICAL SECTION  
45' STREET WITH MEDIAN**  
Sta. 27+47.04 to Sta. 28+24.54



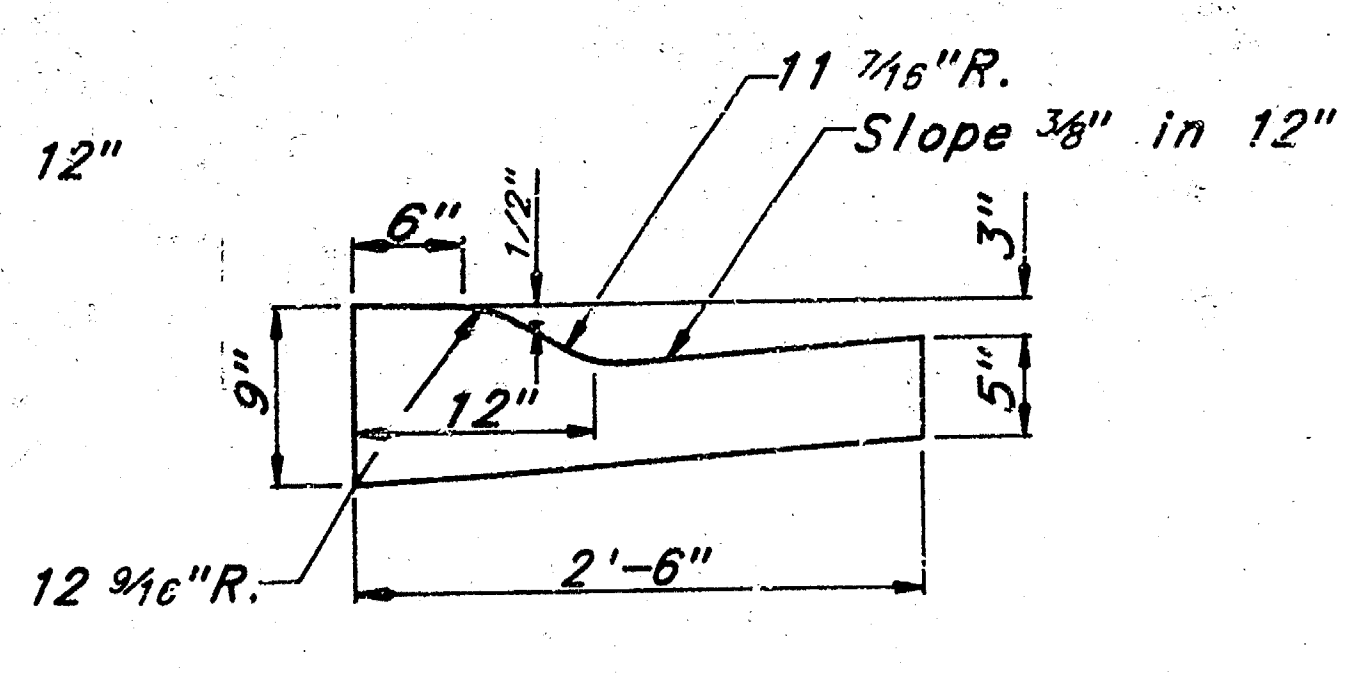
**RAISED MEDIAN DETAIL  
PLAN**



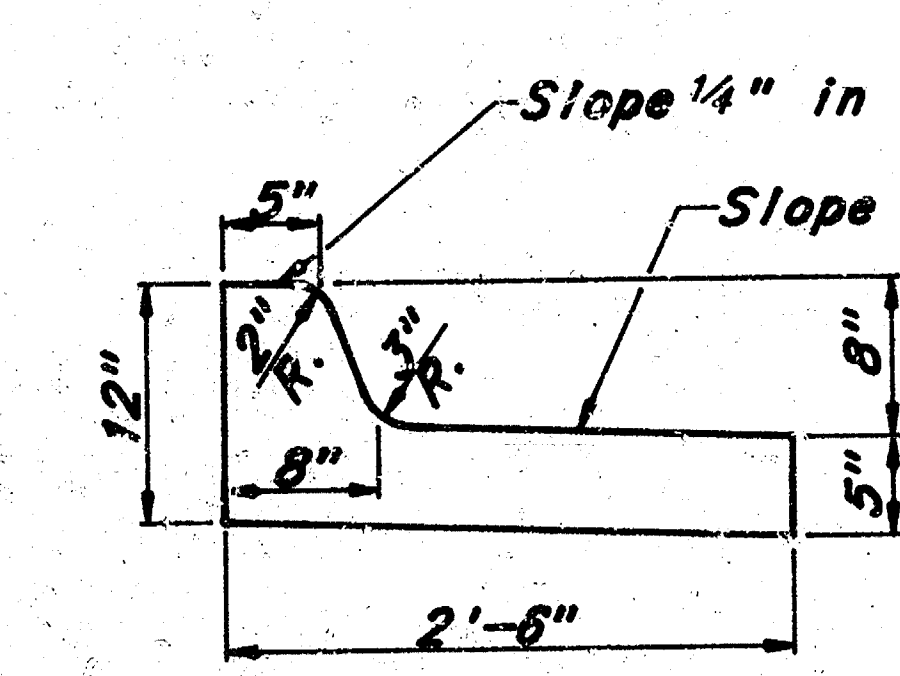
**SECTION B-B**



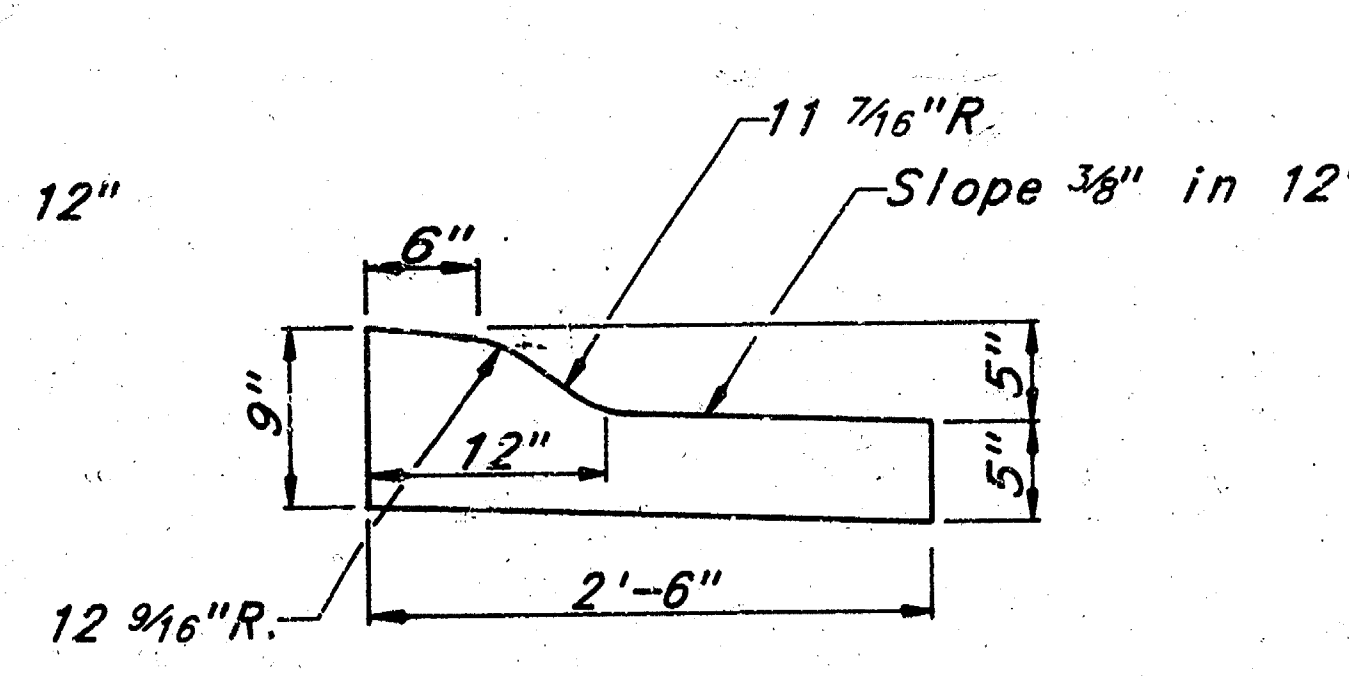
**STANDARD COMBINED CURB & GUTTER**



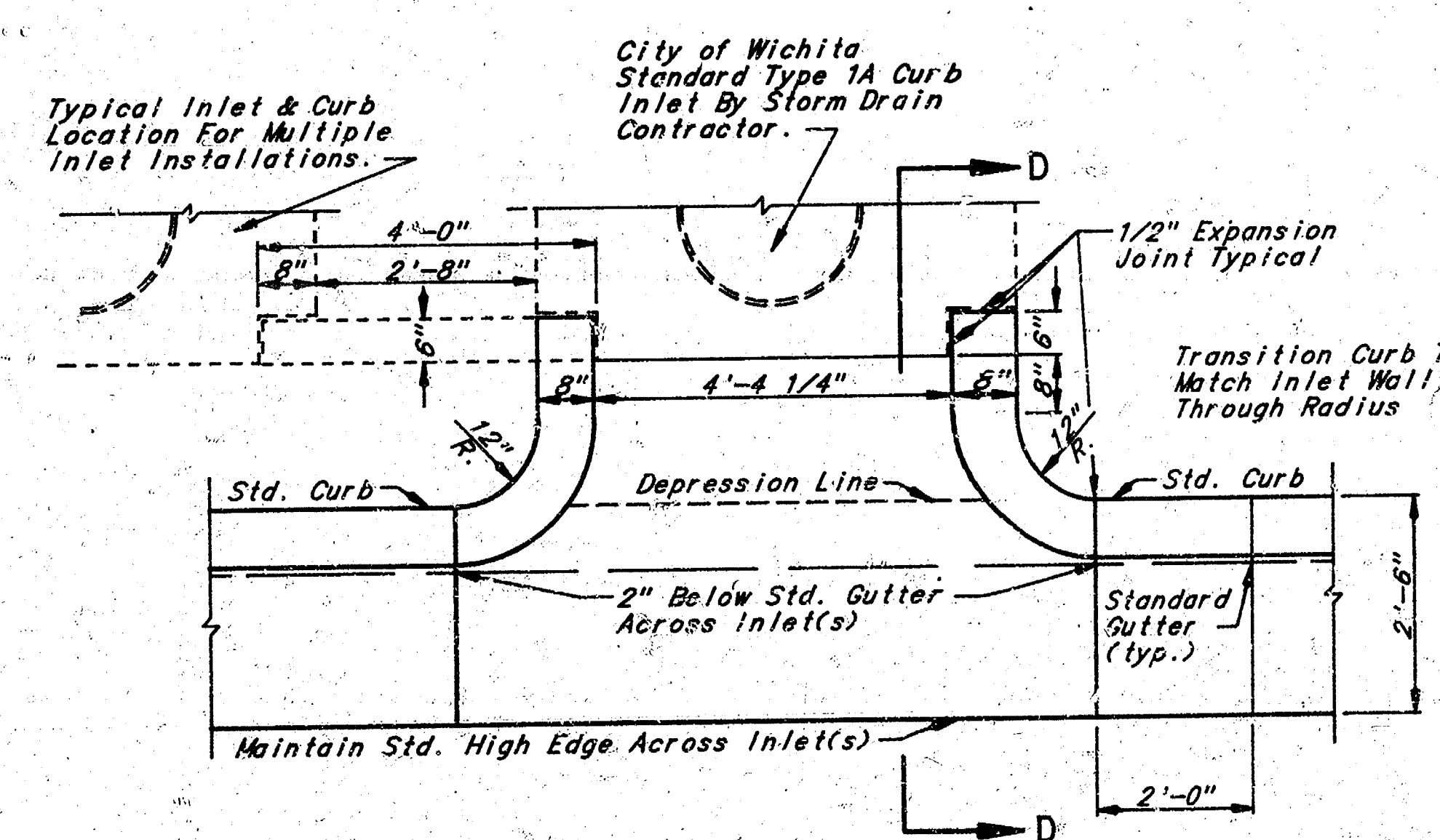
**ROLL TYPE COMBINED CURB & GUTTER**



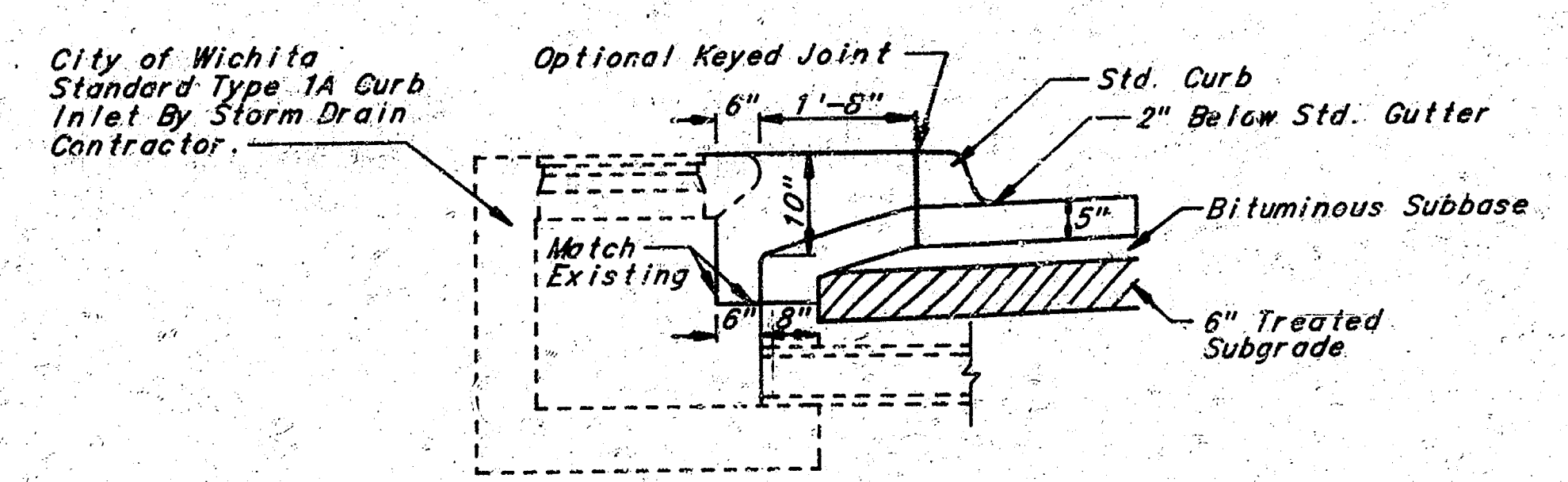
**MEDIAN CURB & GUTTER DETAIL**



**SPECIAL ROLL TYPE COMBINED CURB & GUTTER**



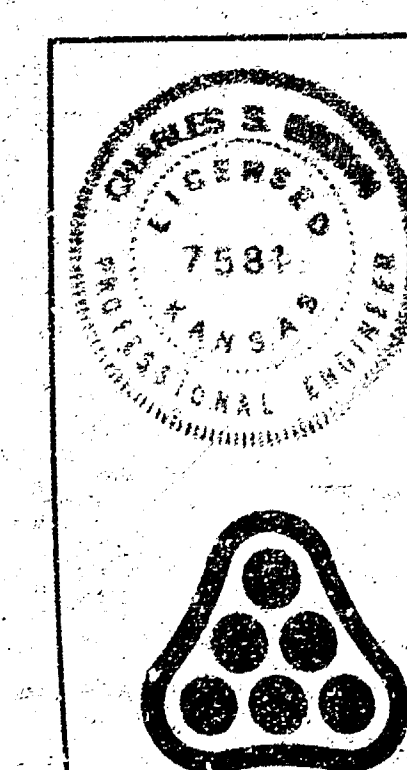
**INLET CONNECTION DETAIL**



**SECTION D-D**

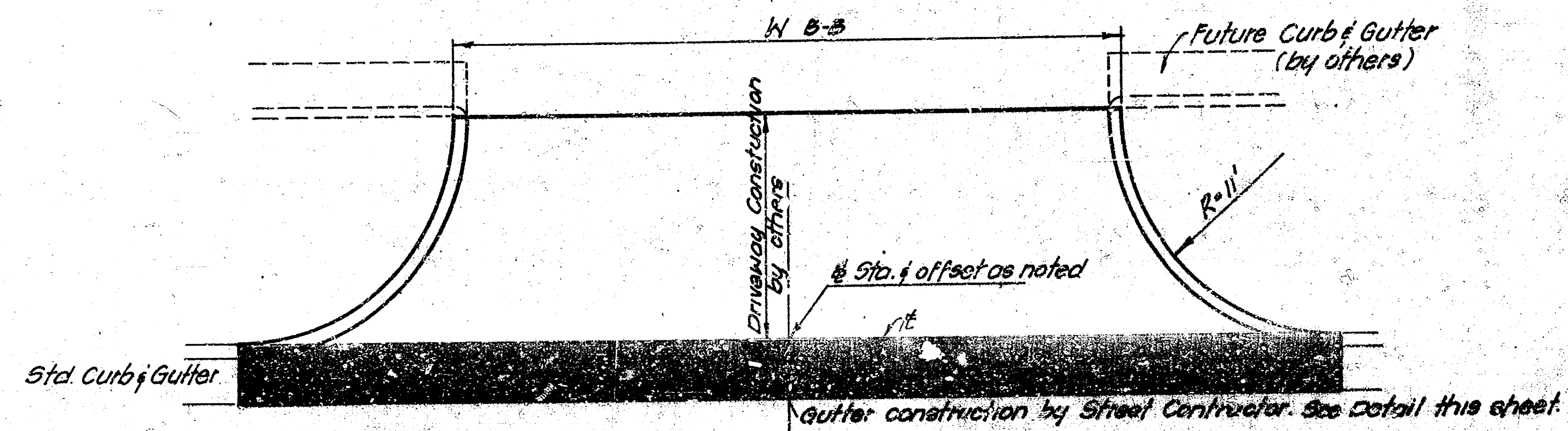
**GENERAL NOTES**

- 1) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 2) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 3) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 4) SUBGRADE SHALL BE TREATED WITH 2% (BY WEIGHT) HYDRATED LIME AND COMPACTED TO A DEPTH OF 6" TO A MINIMUM 95% ASTM-D-1557



|                                            |                    |               |
|--------------------------------------------|--------------------|---------------|
| 1 Revised Surface Thickness per City       |                    | 25 Feb 10, 84 |
| Revision                                   | By                 | Date          |
| GEORGETOWN II STREET IMPROVEMENTS          |                    |               |
| TYPICAL SECTIONS & PAVING DETAILS          |                    |               |
| KANSAS GENERAL PROPERTIES, INC.            |                    |               |
| PROFESSIONAL ENGINEERING CONSULTANTS, P.A. |                    |               |
| ENGINEERS                                  |                    |               |
| WICHITA, KANSAS                            |                    |               |
| Designed by CSB                            | Job No.            | Sh. 3 of 16   |
| Drawn by CR, RM                            | Date DECEMBER 1983 |               |

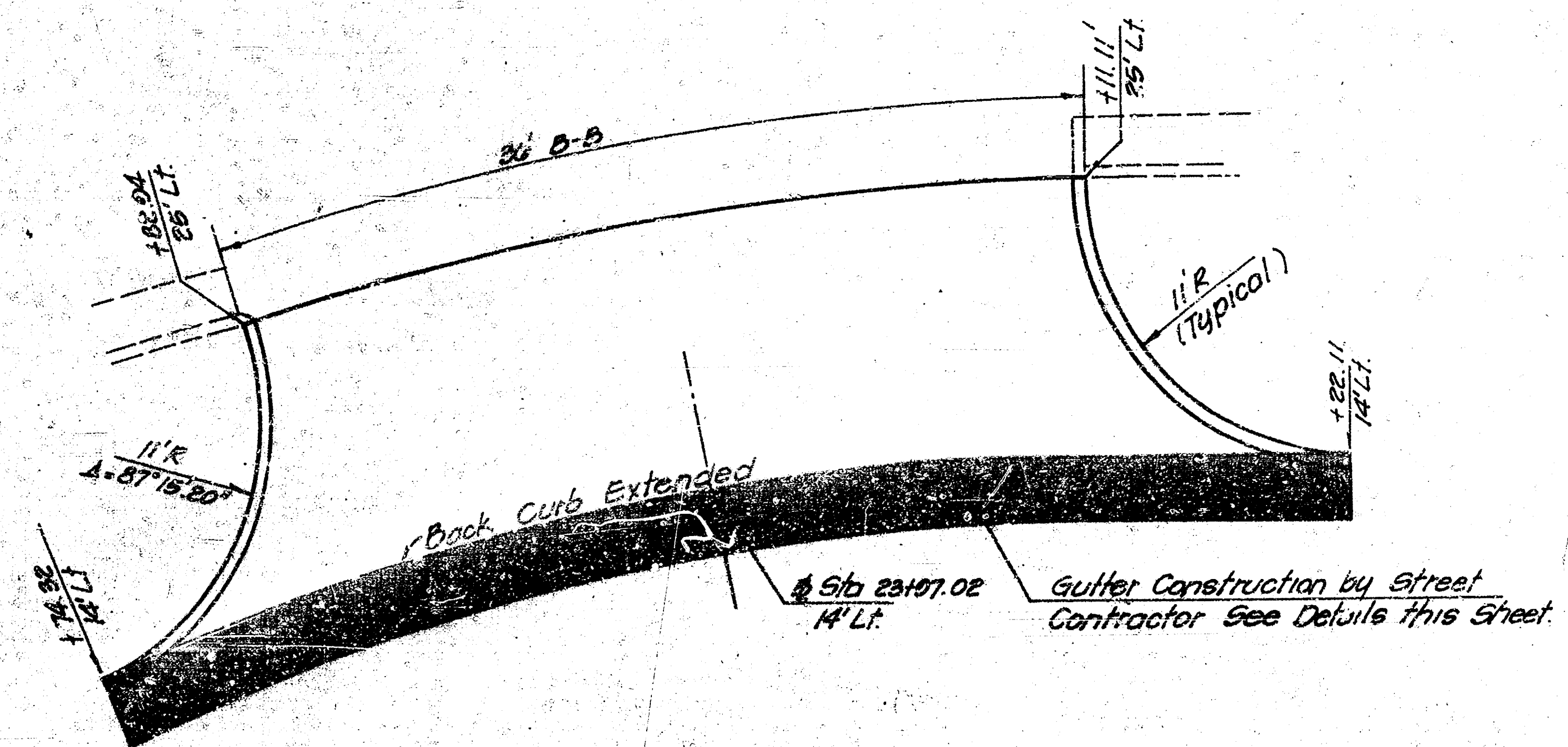
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#### STANDARD DRIVEWAY DETAIL 1"=5'

@ Sta. 2+10.70 10.5' Lt. W-31, R-11'  
 @ Sta. 3+01.70 10.5' Lt. W-31, R-11'  
 @ Sta. 5+10.20 10.5' Lt. W-30, R-11'  
 @ Sta. 25+49.61 14' Lt. W-30, R-11'

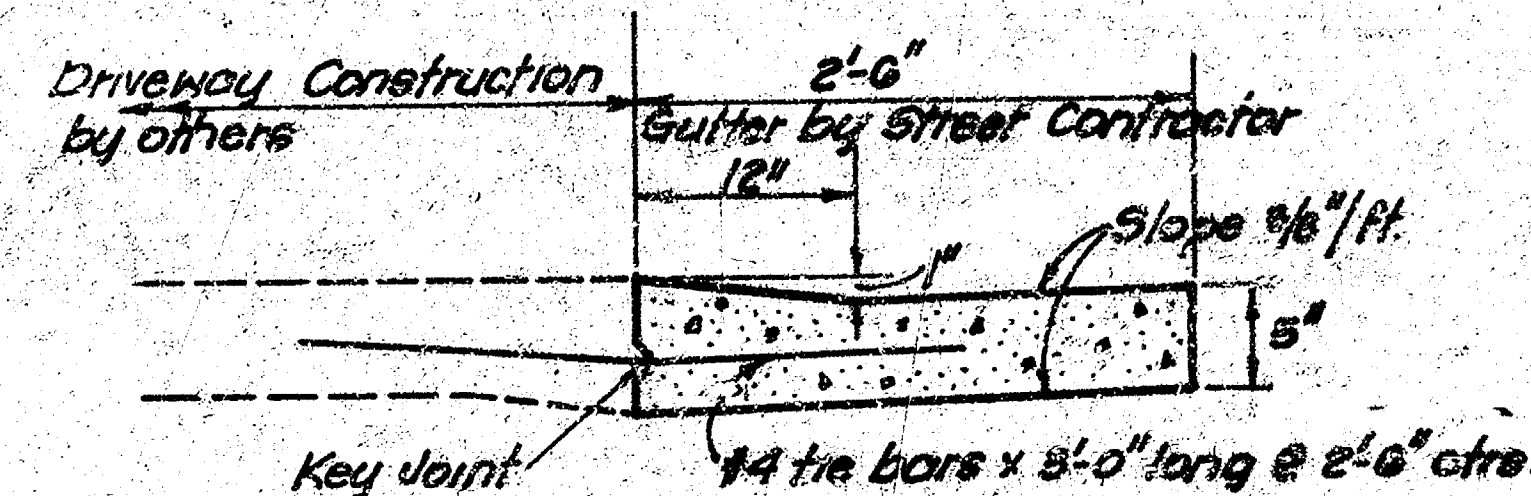
Gutter construction by Street Contractor. See Detail this sheet.



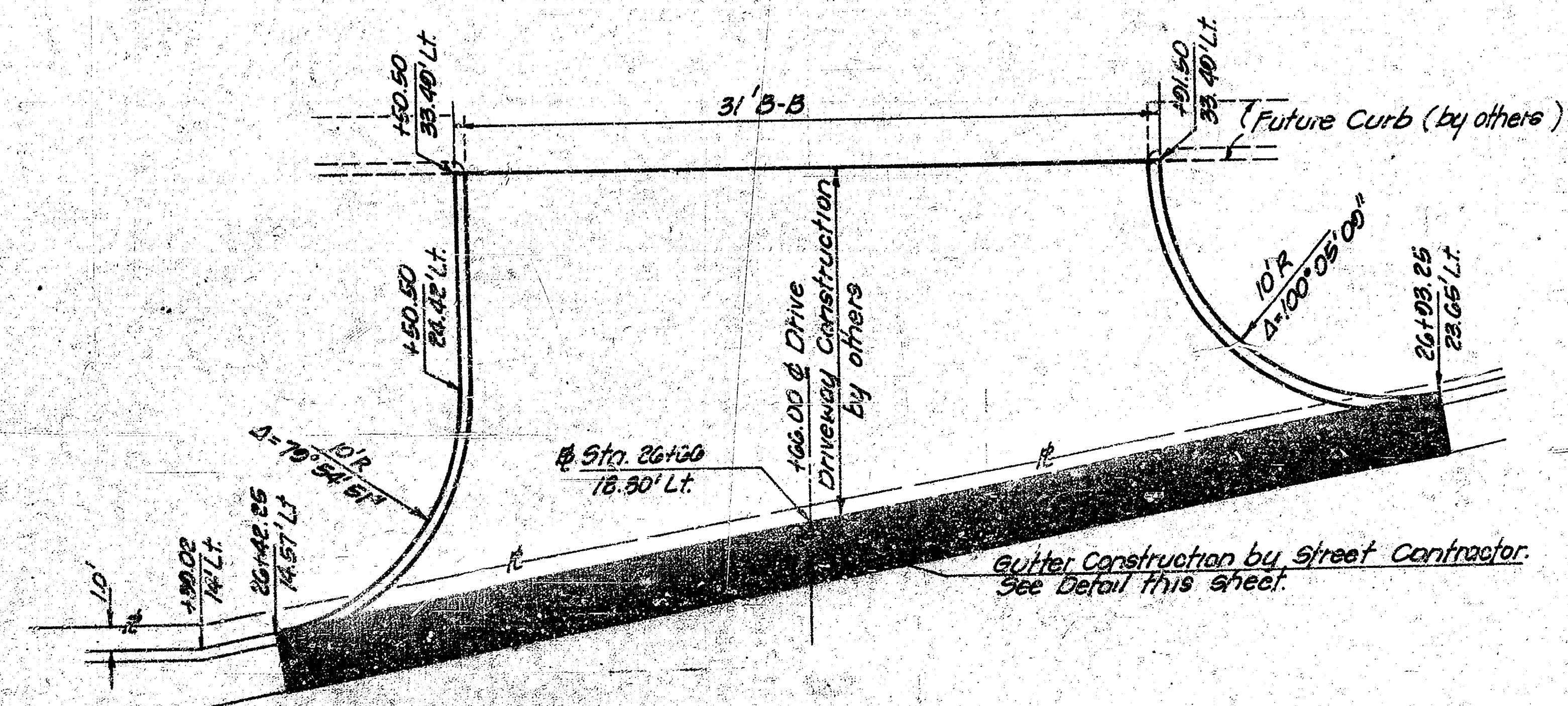
#### DRIVEWAY DETAIL 1"=5'

@ Sta. 23+97.02 14' Lt.

Gutter Construction by Street Contractor See Details this Sheet.



#### GUTTER DETAIL at FUTURE DRIVEWAY LOCATIONS

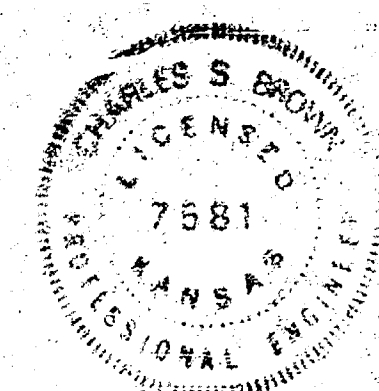


#### DRIVEWAY DETAIL 1"=5'

@ Sta. 26+66, 18.60' Lt.

Gutter Construction by Street Contractor. See Detail this sheet.

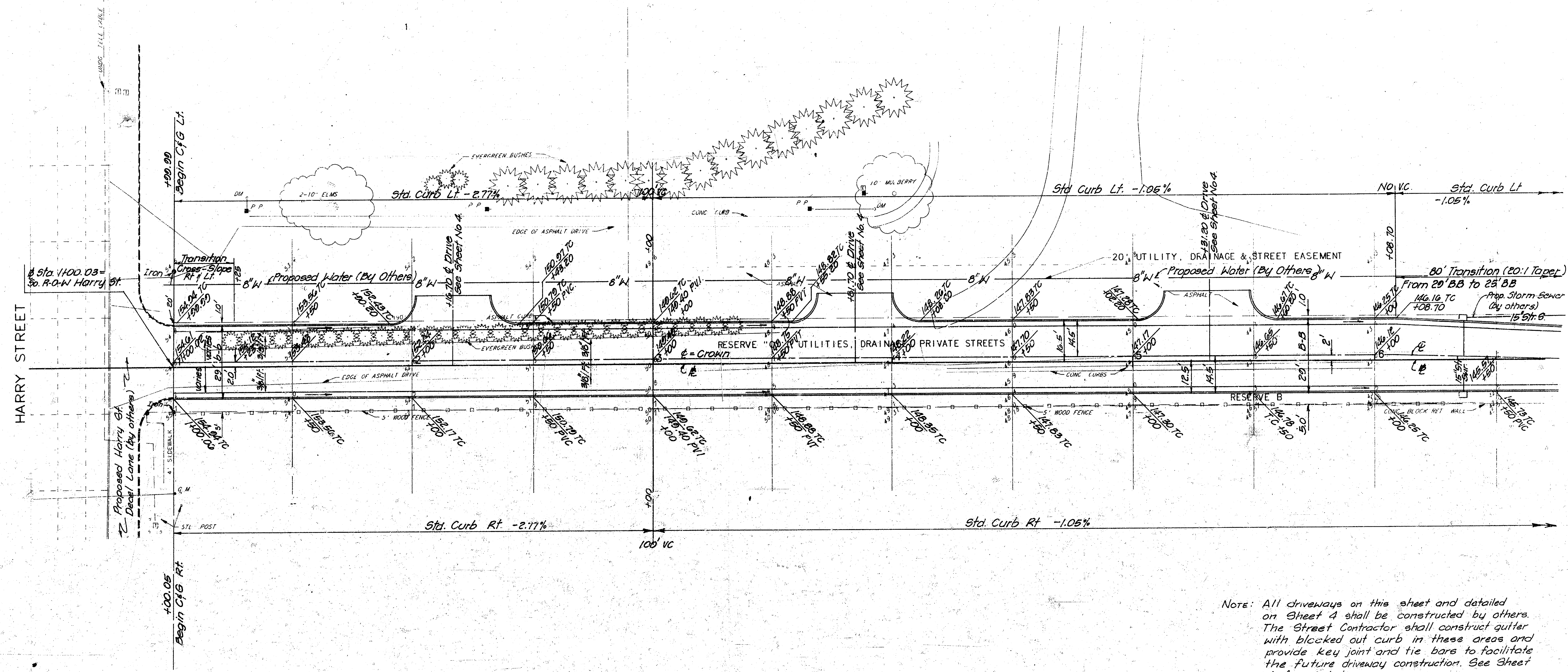
Note: All driveways shown on Plan Sheets 518 and detailed on this sheet shall be constructed by others. Street Contractor shall construct gutter with blocker out curb in these areas to facilitate the future driveway construction. See Details this sheet.



| No.                                                                                                                                                                                    | Revision | By      | Date       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|------------|
|                                                                                                                                                                                        |          |         |            |
| GEORGETOWN II<br>STREET IMPROVEMENTS<br><b>DRIVEWAY DETAILS</b><br>KANSAS GENERAL PROPERTIES INC.<br><b>PROFESSIONAL ENGINEERING CONSULTANTS, P.A.</b><br>ENGINEERS<br>WICHITA, KANSAS |          |         |            |
| Designed by                                                                                                                                                                            | C.S.B.   | Job No. | 30-02622-2 |
| Drawn by                                                                                                                                                                               | C.S.     | Date    | 5/4 of 10  |

Scale 1"=20'

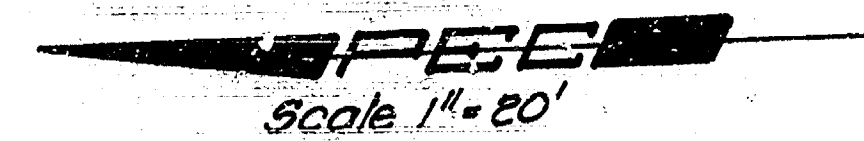
BLOCK 1



NOTE: All driveways on this sheet and detailed on Sheet 4 shall be constructed by others. The Street Contractor shall construct gutter with blocked out curb in these areas and provide key joint and tie bars to facilitate the future driveway construction. See Sheet 4 for details.

|                                                         |                    |        |       |
|---------------------------------------------------------|--------------------|--------|-------|
| 1 Revised Crown Grade @ Sta 100.00 per City ES. 2-10-84 |                    |        |       |
| Revised                                                 | By                 | Date   |       |
| GEORGETOWN II<br>STREET IMPROVEMENTS                    |                    |        |       |
| STA. 0+99.99 to STA. 6+50                               |                    |        |       |
| KANSAS GENERAL PROPERTIES INC.                          |                    |        |       |
| PROFESSIONAL ENGINEERING CONSULTANTS, P.A.              |                    |        |       |
| ENGINEERS                                               |                    |        |       |
| WICHITA, KANSAS                                         |                    |        |       |
| Designed by C.S.B.                                      | Job No. 30-82622-2 | Sht. 5 | of 10 |
| Drawn by Yd. E.B.                                       | Date               |        |       |

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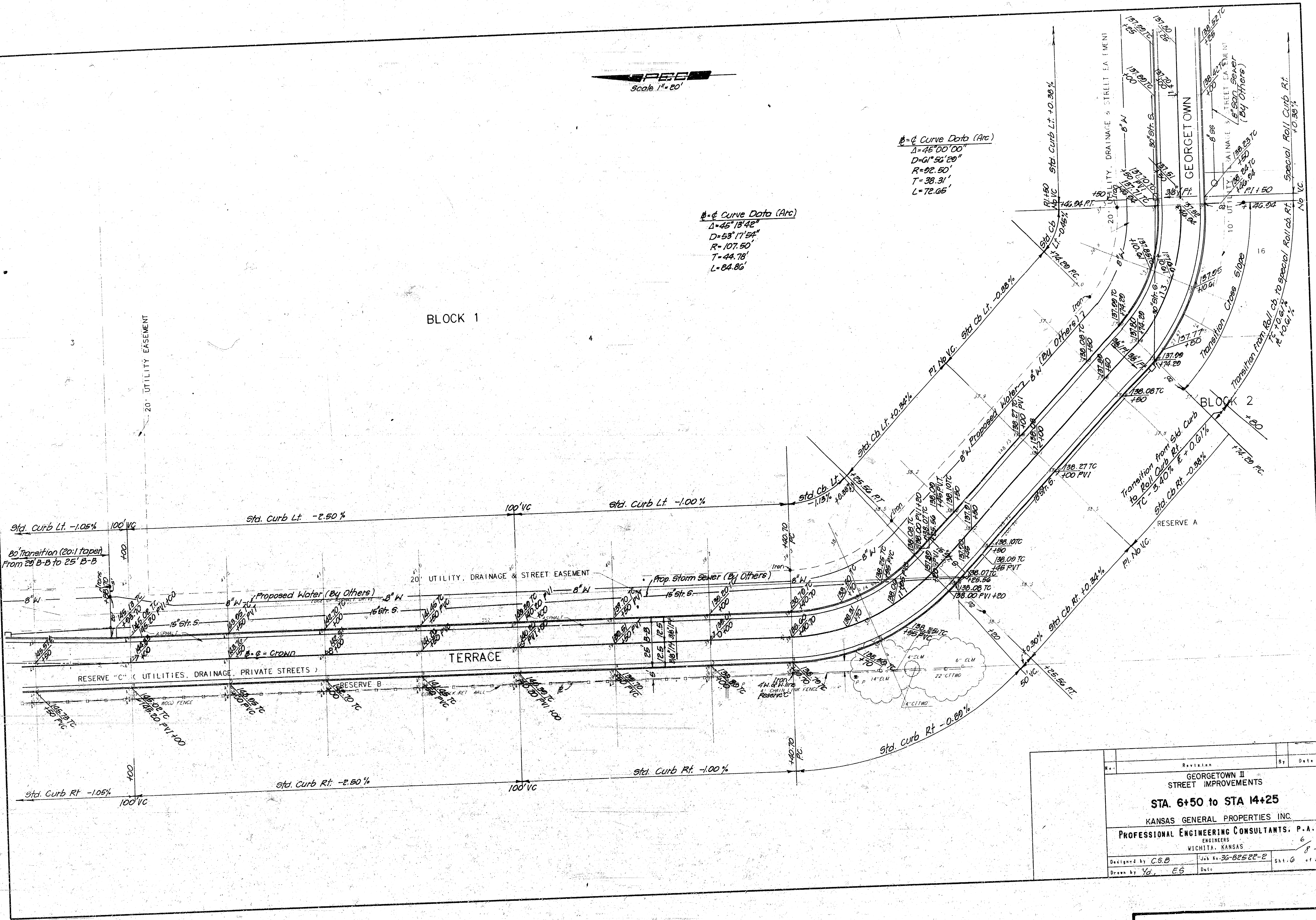


**B-C Curve Data (Arc)**  
 $\Delta = 45^\circ 00' 00''$   
 $D = 61' 56' 20''$   
 $R = 92.50'$   
 $T = 38.31'$   
 $L = 72.65'$

**B-C Curve Data (Arc)**  
 $\Delta = 45^\circ 13' 42''$   
 $D = 53' 17' 54''$   
 $R = 107.50'$   
 $T = 44.78'$   
 $L = 84.86'$

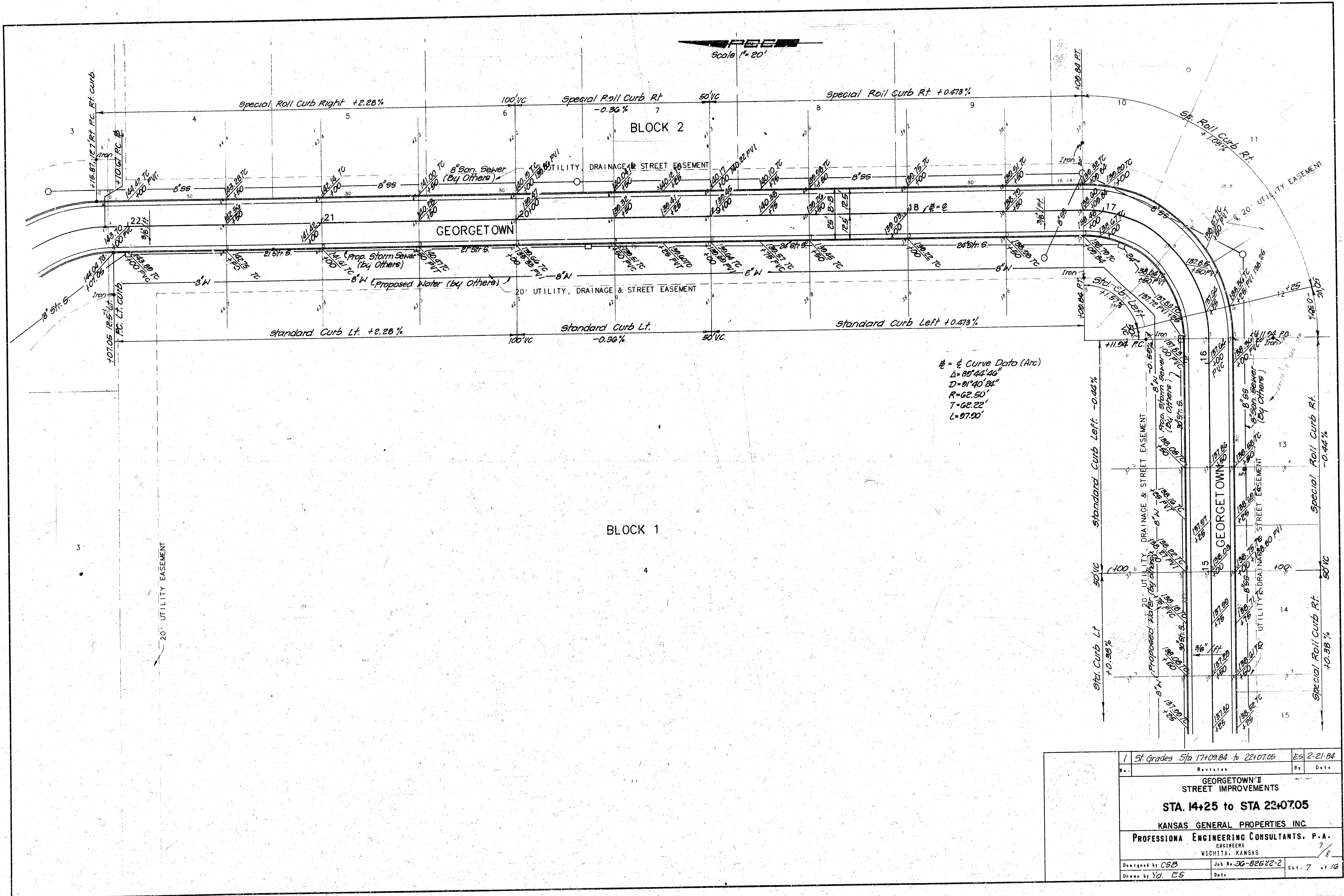
BLOCK 1

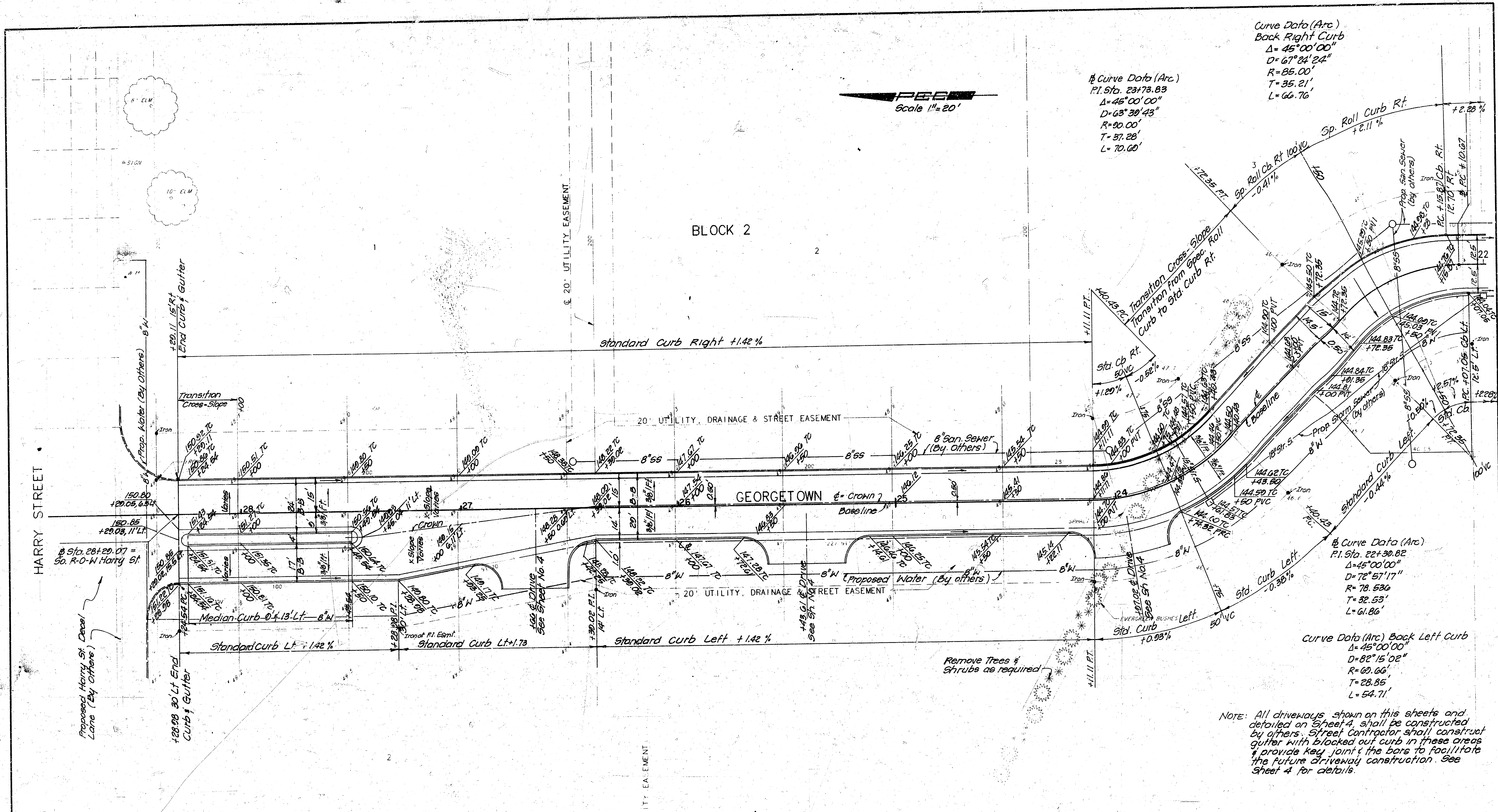
BLOCK 2



| No.                                        | Revision | By      | Date        |
|--------------------------------------------|----------|---------|-------------|
|                                            | 1        |         |             |
| GEORGETOWN II<br>STREET IMPROVEMENTS       |          |         |             |
| STA. 6+50 to STA 14+25                     |          |         |             |
| KANSAS GENERAL PROPERTIES INC.             |          |         |             |
| PROFESSIONAL ENGINEERING CONSULTANTS, P.A. |          |         |             |
| ENGINEERS                                  |          |         |             |
| WICHITA, KANSAS                            |          |         |             |
| Designed by                                | C.S.B.   | Job No. | 36-82522-2  |
| Drawn by                                   | Yd. E.S. | Date    | Sh. 6 of 16 |

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Curve Data (Arc)  
 Back Right Curb  
 $\Delta = 45^{\circ}00'00''$   
 $D = 67^{\circ}24'24''$   
 $R = 85.00'$   
 $T = 35.21'$   
 $L = 66.76'$

Curve Data (Arc)  
 P.I. Sta. 23+73.83  
 $\Delta = 45^{\circ}00'00''$   
 $D = 65^{\circ}30'43''$   
 $R = 90.00'$   
 $T = 37.28'$   
 $L = 70.60'$

Curve Data (Arc)  
 P.I. Sta. 22+30.82  
 $\Delta = 45^{\circ}00'00''$   
 $D = 72^{\circ}57'17''$   
 $R = 78.53'$   
 $T = 32.53'$   
 $L = 61.86'$

Curve Data (Arc) Back Left Curb  
 $\Delta = 45^{\circ}00'00''$   
 $D = 82^{\circ}15'02''$   
 $R = 60.66'$   
 $T = 28.85'$   
 $L = 54.71'$

NOTE: All driveways shown on this sheet and detailed on Sheet 4, shall be constructed by others. Street Contractor shall construct gutter with blocked out curb in these areas & provide key joint & the bars to facilitate the future driveway construction. See Sheet 4 for details.

|                                                                                                                                                                                      |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Grades Sta 22+07.05 to 28+29.11                                                                                                                                                      | 2/2/04 |
| Revised Median Grades per City Review                                                                                                                                                | 2/2/04 |
| GEORGETOWN II<br>STREET IMPROVEMENTS<br>STA 22+07.05 to STA 28+29.11<br>KANSAS GENERAL PROPERTIES INC.<br>PROFESSIONAL ENGINEERING CONSULTANTS, P.A.<br>ENGINEERS<br>WICHITA, KANSAS |        |
| Designed by CGB                                                                                                                                                                      | 8/8    |
| Drawn by Yd. E.S.                                                                                                                                                                    | 8/8    |

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