

CITY OF WICHITA, KANSAS  
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER  
**STREET IMPROVEMENTS**

PARKRIDGE - S.L. LOT 38, BLK. 1 & RADIALLY FROM SE CORNER LOT 17, BLK. 6, ECHO  
HILLS 2ND ADDITION TO THE S. L. 21ST STREET N.

PARKRIDGE COURT - E.L. PARKRIDGE TO & INCLUDING CUL-DE-SAC SERVING  
LOTS 4-9, BLK. 1

PARKRIDGE COURT - E.L. PARKRIDGE TO & INCLUDING CUL-DE-SAC SERVING  
LOTS 10-23, BLK. 1

PARKRIDGE COURT - E.L. PARKRIDGE TO & INCLUDING CUL-DE-SAC SERVING  
LOTS 24-36, BLK. 1

**(WOODBIDGE 2ND ADDITION)**

CITY OF WICHITA PROJECT NO. 472-76-245-81515-000-000-001

**INDEX OF SHEETS**

- 1 TITLE SHEET
- 2-3 TYPICAL SECTIONS
- 4 WOODBRIDGE 2ND ADDITION PLAT
- 5-10 PLAN SHEETS
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- 12 STANDARD DRIVE ENTRANCES
- 13-20 CROSS SECTIONS

**BENCH MARK**

BM #1 CHIS. "0" IN CENTER SOUTH HEADWALL ON 21ST ST. N.  
AT NE COR. WOODBRIDGE 2ND ADDITION. ELEV. 163.55

SCALE: 1"=150'

**EARTHWORK**

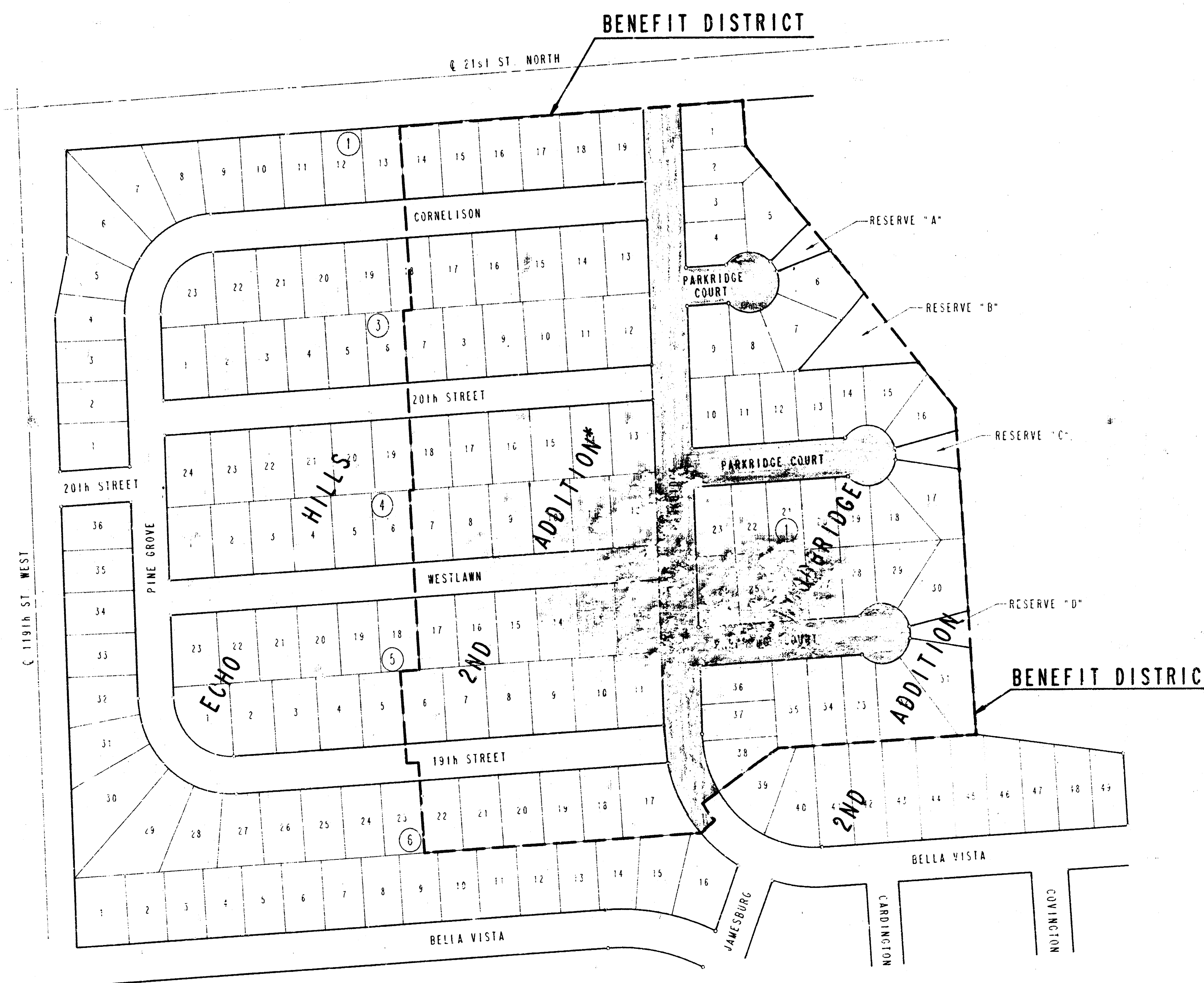
EXCAVATION  
X-SECTIONS 3,807.0 CU. YDS.  
10% 381.0 CU. YDS.  
TOTAL 4,188.0 CU. YDS.

COMPACTED FILL  
X-SECTIONS 119.0 CU. YDS.  
10% 12.0 CU. YDS.  
TOTAL 131.0 CU. YDS.

LOOSE FILL  
X-SECTIONS 369.0 CU. YDS.  
10% 37.0 CU. YDS.  
TOTAL 406.0 CU. YDS.

MANIPULATED FILL  
X-SECTIONS 65.0 CU. YDS.  
10% 7.0 CU. YDS.  
TOTAL 72.0 CU. YDS.

934142 SQ. YDS. SUBGRADE STAB. MANIPULATION



**GENERAL NOTES**

UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, AND ETCETERA ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO OR DURING CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND PAVEMENT REMOVAL 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.

LIMITS OF EARTHWORK SHALL MATCH EXISTING GROUND ELEVATIONS AT THE RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED ON THE PLANS WITH A NEW FINISHED GRADE ELEVATION. WHEN A NEW FINISHED GRADE ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND THE RIGHT-OF-WAY LINE AND THEN SLOPED UP OR DOWN USING PERMISSIBLE SLOPES TO MATCH THE EXISTING GROUND SURFACE.

CONTRACTOR SHALL GIVE PROPERTY OWNERS ADJUTING THIS PROJECT, WHOSE YARDS WILL BE LOWER THAN THE NEW FINISHED GRADE ELEVATIONS AT THE RIGHT-OF-WAY LINE, AN OPPORTUNITY TO UTILIZE EXCESS EXCAVATED MATERIAL FROM THE PROJECT TO REGRADE THEIR YARDS TO DRAIN TO THE NEW PAVEMENT. CONTRACTOR WILL BE REQUIRED TO DUMP AND SPREAD THE EXCESS MATERIAL BY THE SPECIFICATIONS WHEN REQUESTED BY THE PROPERTY OWNER. THE CONTRACTOR SHALL ASCERTAIN THAT A DIRT ORDER FORM HAS BEEN PROPERLY EXECUTED BY THE PROPERTY OWNER BEFORE ANY SUCH EXCESS MATERIAL IS DELIVERED TO SUCH PROPERTIES.

THE CONTRACTOR WILL BE PERMITTED TO BID ONLY ONE OF THE ALTERNATE TYPES OF SUBGRADE TREATMENT. THE TYPE BID BY THE SUCCESSFUL BIDDER WILL BE THE TYPE OF SUBGRADE TREATMENT USED TO CONSTRUCT THE PROJECT.

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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

ADEQUATE TRAFFIC CONTROL SHALL BE PROVIDED ON 21ST STREET IN THE VICINITY OF PARKRIDGE STREET DURING CONSTRUCTION.

ROLL CURB SHALL BE DEPRESSED THROUGH ANY DRIVES THAT ARE TO BE CONSTRUCTED AS A PART OF THIS CONTRACT.

\* THE STREET GEOMETRICS SHOWN IN THE PLANS ALONG THE WEST SIDE OF PARKRIDGE ARE BASED ON A PROPOSED REPLAT OF ECHO HILLS 2ND ADDITION. CONSTRUCTION SHALL CONFORM TO THE PROPOSED PLATTED DIMENSIONS RATHER THAN EXISTING RIGHT-OF-WAY WIDTHS. SEE SHEET NO. 4 FOR A PORTION OF THE PROPOSED REPLAT.

**FEBRUARY, 1986**

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



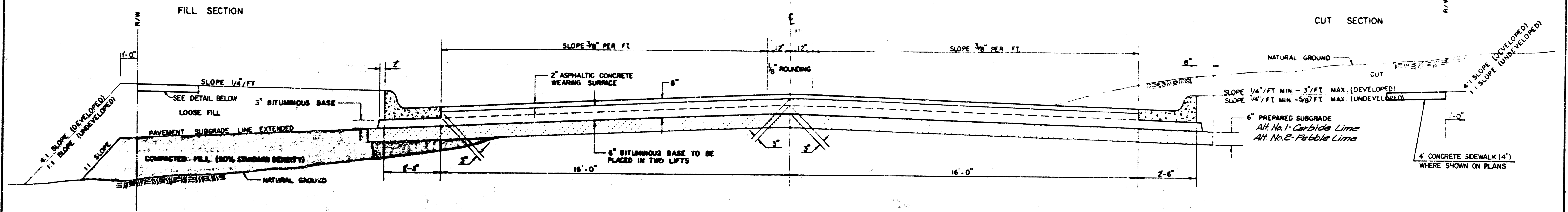
APPROVED DATE

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

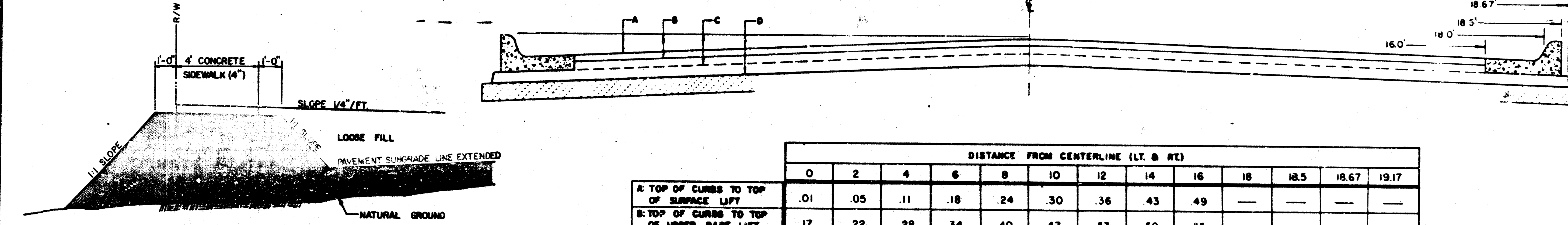
# TYPICAL 37' PAVEMENT DETAILS

2/20

## TRANSVERSE SECTION

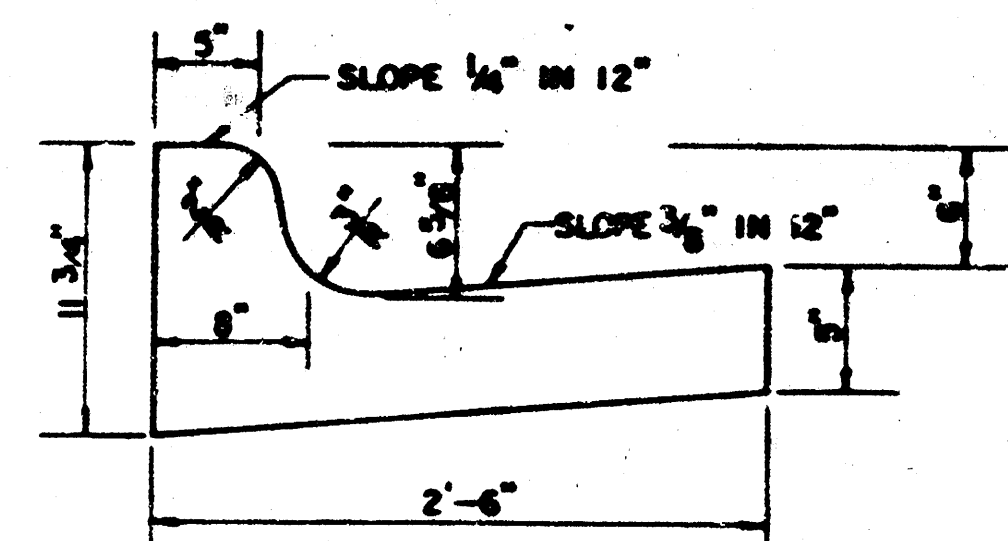


## ELEVATION OFFSETS

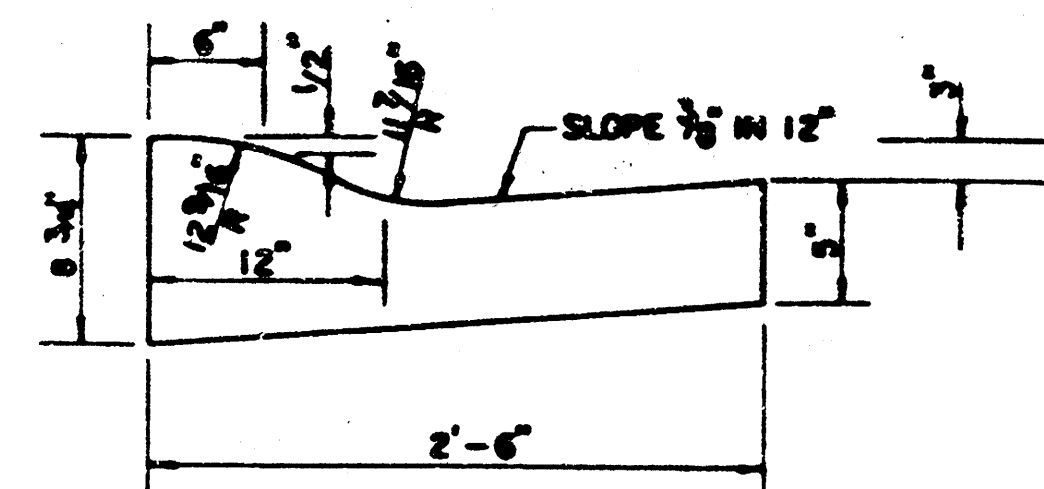


|                                           | DISTANCE FROM CENTERLINE (LT. & RT.) |     |     |     |     |     |      |      |      |      |      |       |       |
|-------------------------------------------|--------------------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-------|-------|
|                                           | 0                                    | 2   | 4   | 6   | 8   | 10  | 12   | 14   | 16   | 18   | 18.5 | 18.67 | 19.17 |
| A: TOP OF CURBS TO TOP OF SURFACE LIFT    | .01                                  | .05 | .11 | .18 | .24 | .30 | .36  | .43  | .49  | —    | —    | —     | —     |
| B: TOP OF CURBS TO TOP OF UPPER BASE LIFT | .17                                  | .22 | .28 | .34 | .40 | .47 | .53  | .59  | .65  | —    | —    | —     | —     |
| C: TOP OF CURBS TO TOP OF LOWER BASE LIFT | .42                                  | .47 | .53 | .59 | .65 | .72 | .78  | .84  | .90  | .97  | .98  | .99   | —     |
| D: TOP OF CURBS TO TOP OF SUBGRADE        | .67                                  | .72 | .78 | .84 | .90 | .97 | 1.03 | 1.09 | 1.15 | 1.22 | 1.23 | 1.24  | 1.25  |

## COMBINED CURB & GUTTER



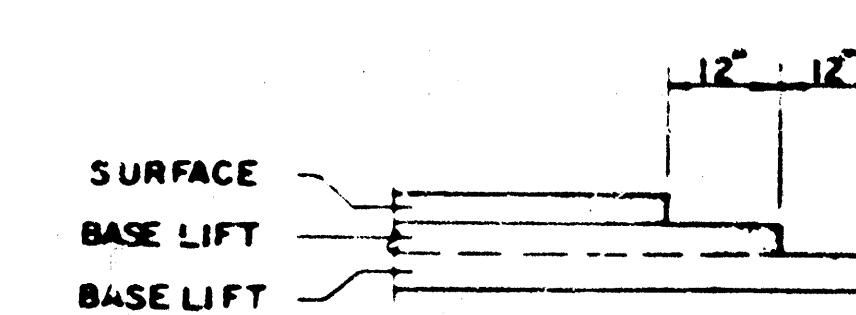
## ROLL TYPE COMBINED CURB & GUTTER



## GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS BASE.
- 3) 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.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) 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.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

## TRANSVERSE CONSTRUCTION JOINTS



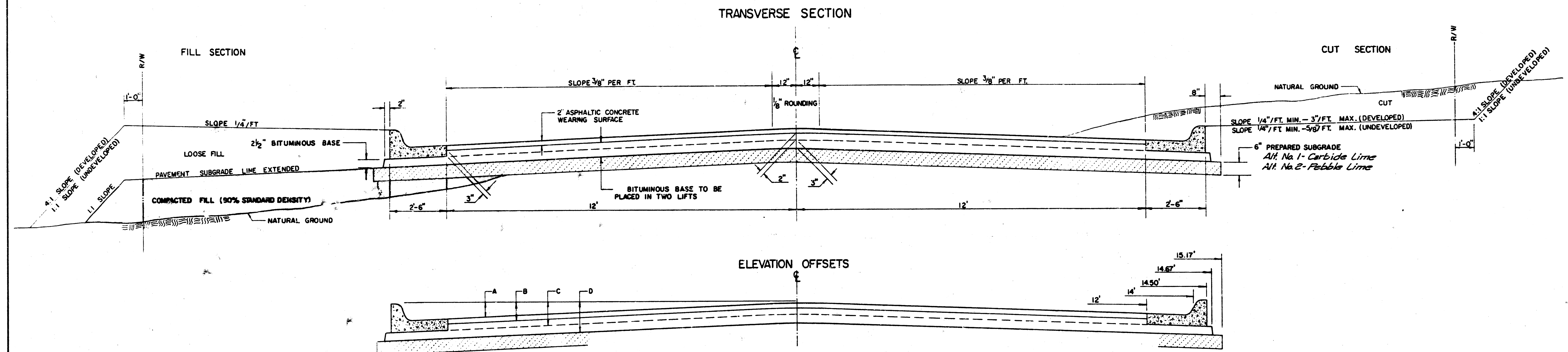
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

8 INCH RESIDENTIAL ASPHALTIC CONCRETE  
PAVEMENT WITH 6 INCH BITUMINOUS BASE  
CITY OF WICHITA, KANSAS

PROJECT NUMBER  
472 76 245 81515 000 000 001

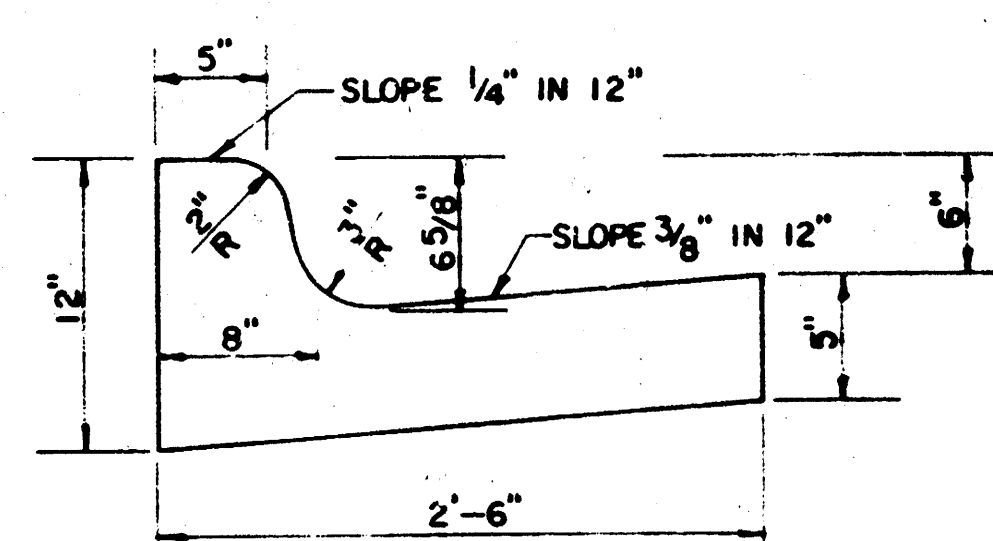
# TYPICAL 29' PAVEMENT DETAILS

3  
20

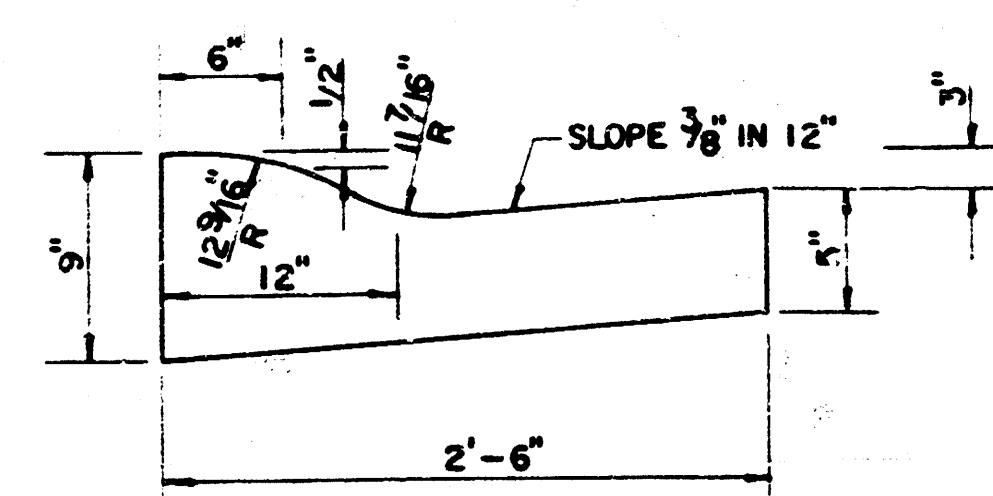


|                                           | DISTANCE FROM CENTERLINE (LT. & RT.) |      |      |      |      |      |      |      |      |       |        |        |
|-------------------------------------------|--------------------------------------|------|------|------|------|------|------|------|------|-------|--------|--------|
|                                           | 0'                                   | 2'   | 4'   | 6'   | 7'   | 8'   | 10'  | 12'  | 14'  | 14.5' | 14.67' | 15.17' |
| A: TOP OF CURBS TO TOP OF SURFACE LIFT    | 0.13                                 | 0.18 | 0.24 | 0.30 | 0.33 | 0.36 | 0.43 | 0.49 | —    | —     | —      | —      |
| B: TOP OF CURBS TO TOP OF UPPER BASE LIFT | 0.30                                 | 0.35 | 0.41 | 0.47 | 0.50 | 0.53 | 0.60 | 0.66 | —    | —     | —      | —      |
| C: TOP OF CURBS TO TOP OF LOWER BASE LIFT | 0.47                                 | 0.52 | 0.60 | 0.68 | 0.71 | 0.75 | 0.83 | 0.90 | 0.98 | 1.00  | 1.01   | —      |
| D: TOP OF CURBS TO TOP OF SUBGRADE        | 0.72                                 | 0.77 | 0.84 | 0.91 | 0.94 | 0.98 | 1.05 | 1.12 | 1.19 | 1.21  | 1.21   | 1.23   |

COMBINED CURB & GUTTER



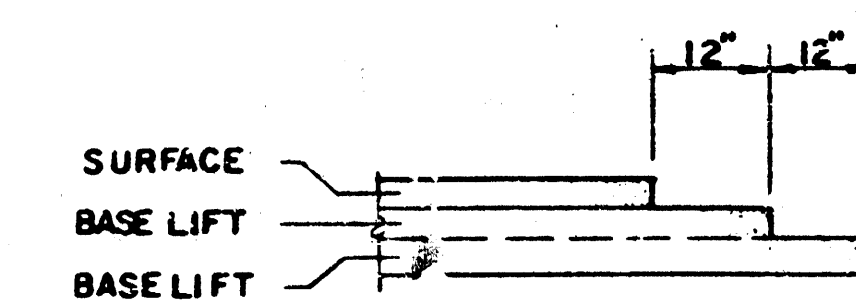
ROLL TYPE COMBINED CURB & GUTTER



## GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) 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.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) 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.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

## TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BIDDING PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE  
PAVEMENT WITH 5 INCH BITUMINOUS BASE  
CITY OF WICHITA, KANSAS

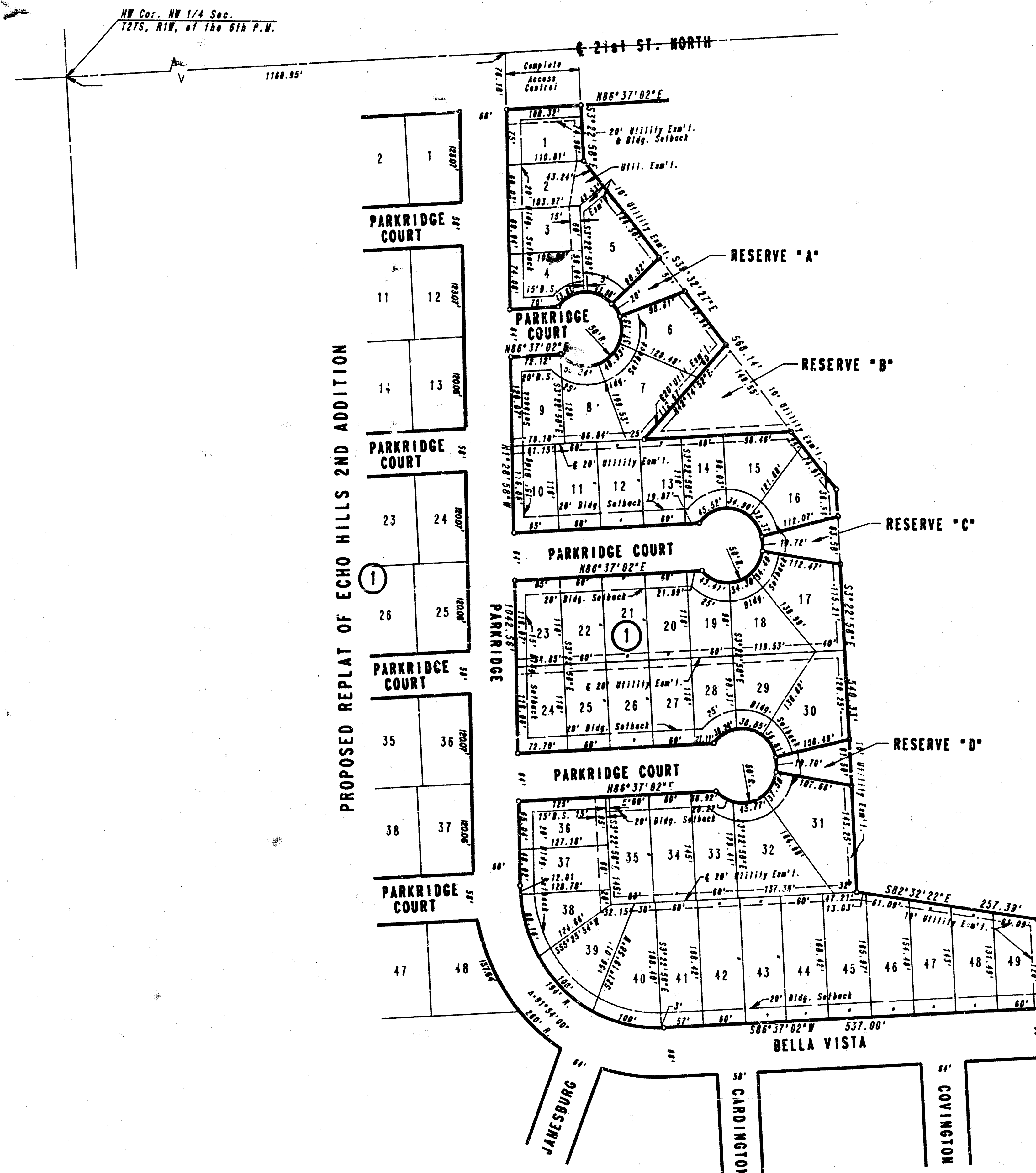
PROJECT NUMBER  
472 76 245 81515 000 000 001

3/20

# WOODBIDGE 2ND ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

| PROJECT NO.                  | SHEET NO. | TOTAL SHEETS |
|------------------------------|-----------|--------------|
| 472-76-245-87-15-000-000-001 | 4         | 20           |



SCALE: 1" = 100'  
 O = IRON SET  
 B.M. - CHIS. "D", NE COR. HEADWALL  
 120' ± W. OF INTERSECTION 21ST ST. &  
 WAIZE RD. ELEV. = 1351.065 M.S.L.

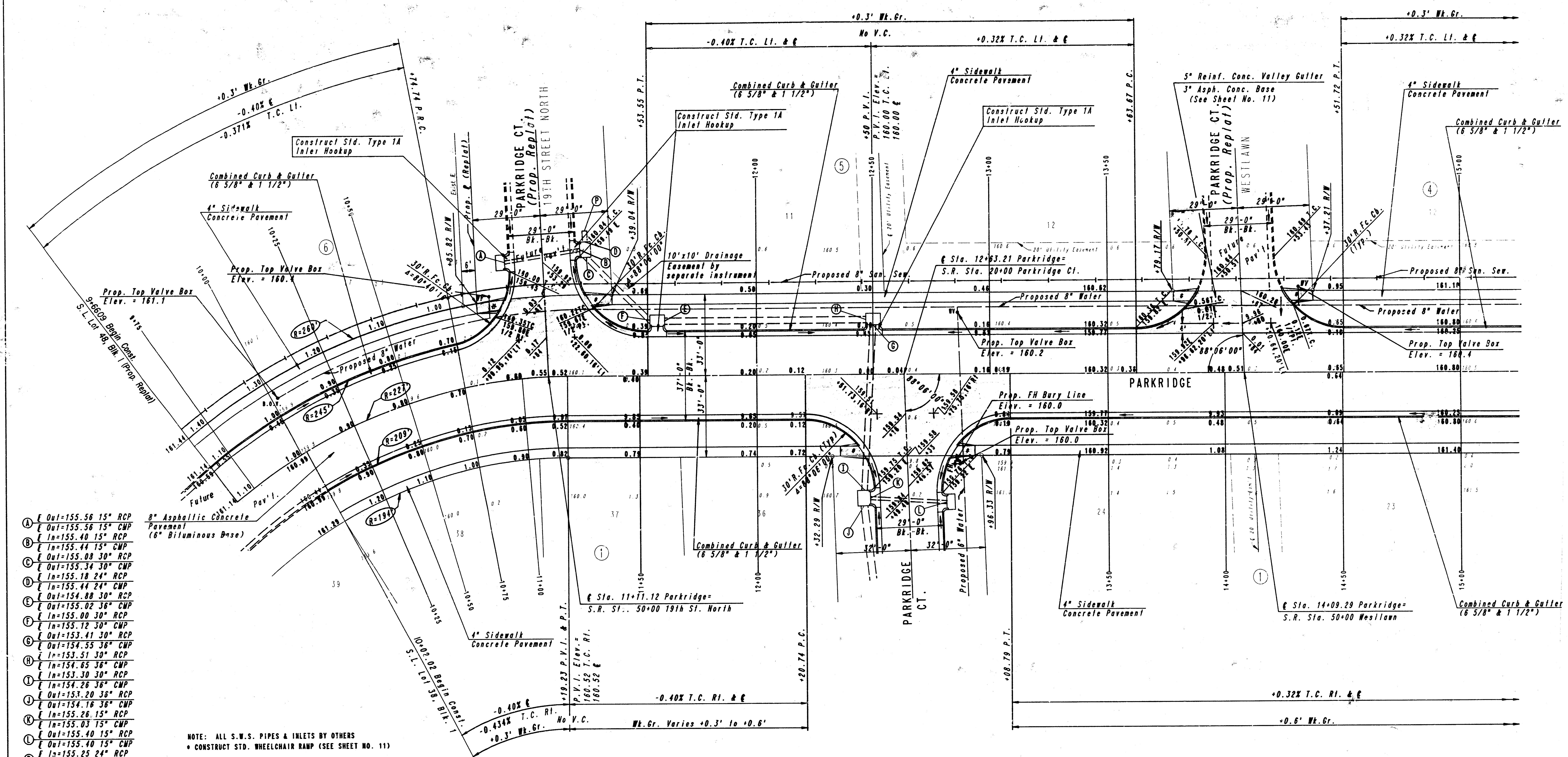
WOODBIDGE 2ND ADDITION  
 PLAT

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
 ENGINEERS  
 WICHITA, KANSAS

|             |                                 |
|-------------|---------------------------------|
| Designed by | Checked by                      |
| Drawn by    | Date Feb., 1986 Job No. 85427-1 |

4/20

Scale: 1"=20'



- ① E Out=155.56 15" RCP
- ② E In=155.56 15" CMP
- ③ E In=155.44 15" RCP
- ④ E Out=155.08 30" RCP
- ⑤ E In=155.34 30" CMP
- ⑥ E In=155.18 24" RCP
- ⑦ E Out=154.88 30" RCP
- ⑧ E In=155.44 24" CMP
- ⑨ E Out=155.02 36" RCP
- ⑩ E In=155.00 30" RCP
- ⑪ E In=155.12 30" CMP
- ⑫ E Out=153.41 30" RCP
- ⑬ E In=154.55 36" CMP
- ⑭ E In=153.51 30" RCP
- ⑮ E In=154.65 36" CMP
- ⑯ E In=153.30 30" RCP
- ⑰ E In=154.26 36" CMP
- ⑱ E Out=153.20 36" RCP
- ⑲ E Out=154.16 36" CMP
- ⑳ E In=155.26 15" RCP
- ㉑ E In=155.03 15" CMP
- ㉒ E Out=155.40 15" RCP
- ㉓ E Out=155.25 24" RCP
- ㉔ E In=155.48 24" CMP

NOTE: ALL S.W.S. PIPES & INLETS BY OTHERS  
 • CONSTRUCT STD. WHEELCHAIR RAMP (SEE SHEET NO. 11)

| C CURVE DATA                                                    |            |                       |                        |                  |            |
|-----------------------------------------------------------------|------------|-----------------------|------------------------|------------------|------------|
| Δ=38°39'11.5" D=25°14'26" R=227.00' L=153.14' T=79.61' E=13.56' |            |                       |                        |                  |            |
| CURVE DATA BASED ON RADIUS Δ/2=19°19'36"                        |            |                       |                        |                  |            |
| STATION                                                         | ARC LENGTH | CHORD LENGTH          | DEFLECTION ANGLE       | TOTAL DEFLECTION |            |
| STATION                                                         | ARC LENGTH | 8' OFF LEFT FACE CURB | 8' OFF RIGHT FACE CURB | ANGLE            | DEFLECTION |
| 9+66.00                                                         |            |                       |                        |                  |            |
| 9+75.00                                                         | 8.91       | 9.93                  |                        | 1°07'28"         | 1°07'28"   |
| 10+00.00                                                        | 25.00      | 27.85                 |                        | 3°09'18"         | 4°16'46"   |
| 10+25.00                                                        | 25.00      | 27.85                 | 22.13                  | 3°09'18"         | 7°26'04"   |
| 10+50.00                                                        | 25.00      | 27.85                 | 22.13                  | 3°09'18"         | 10°35'22"  |
| 10+74.74                                                        | 24.74      | 27.56                 | 21.90                  | 30°07'20.5"      | 13°42'42"  |
| 10+75.00                                                        | 0.26       | 0.28                  | 0.23                   | 0°01'58.5"       | 13°44'40"  |
| 11+00.00                                                        | 25.00      | 27.85                 | 22.13                  | 3°09'18"         | 16°53'58"  |
| 11+11.12                                                        | 11.12      | 12.39                 | 9.85                   | 1°24'12"         | 18°18'10"  |
| 11+19.23                                                        | 8.11       | 9.04                  | 7.15                   | 1°01'25"         | 19°19'36"  |

| 19TH STREET NORTH & PARKRIDGE INTERSECTION QUANTITIES |                                                         |
|-------------------------------------------------------|---------------------------------------------------------|
| 228.285 Y. Δ                                          | Asphaltic Conc. Pavement (6" Bituminous Base)           |
| 28.885 Y. Δ                                           | 6" Bituminous Base                                      |
| 104.37 L.F.                                           | Combined Curb & Gutter (6 5/8" & 1 1/2")                |
|                                                       | L.F. Monolithic Edge Curb ( " )                         |
| 2                                                     | Eq. Standard Wheelchair Ramp Construction               |
|                                                       | S.F. 4" Sidewalk Concrete Pavement                      |
| 257.785 Y.                                            | Subgrade Stabilization Manipulation                     |
| 2.58 Tons                                             | Carbide Lime Subgrade Stabilization                     |
| 1.93 Tons                                             | Pebble Quicklime Subgrade Stabilization                 |
|                                                       | Tons Cement Subgrade Stabilization                      |
|                                                       | Tons Fly Ash Subgrade Stabilization                     |
|                                                       | Tons Preheater Fines Subgrade Stabilization             |
|                                                       | S.Y. Reinf. V.G. " Concrete & " Asphaltic Concrete Base |

| PARKRIDGE CT. & PARKRIDGE INTERSECTION QUANTITIES |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| 248.745 Y. Δ                                      | Asphaltic Conc. Pavement (6" Bituminous Base)           |
| 19.21 S.Y. Δ                                      | 6" Bituminous Base                                      |
| 62.83 L.F.                                        | Combined Curb & Gutter (6 5/8" & 1 1/2")                |
|                                                   | L.F. Monolithic Edge Curb ( " )                         |
| 2                                                 | Eq. Standard Wheelchair Ramp Construction               |
|                                                   | S.F. 4" Sidewalk Concrete Pavement                      |
| 269.955 Y.                                        | Subgrade Stabilization Manipulation                     |
| 2.70 Tons                                         | Carbide Lime Subgrade Stabilization                     |
| 2.02 Tons                                         | Pebble Quicklime Subgrade Stabilization                 |
|                                                   | Tons Cement Subgrade Stabilization                      |
|                                                   | Tons Fly Ash Subgrade Stabilization                     |
|                                                   | Tons Preheater Fines Subgrade Stabilization             |
|                                                   | S.Y. Reinf. V.G. " Concrete & " Asphaltic Concrete Base |

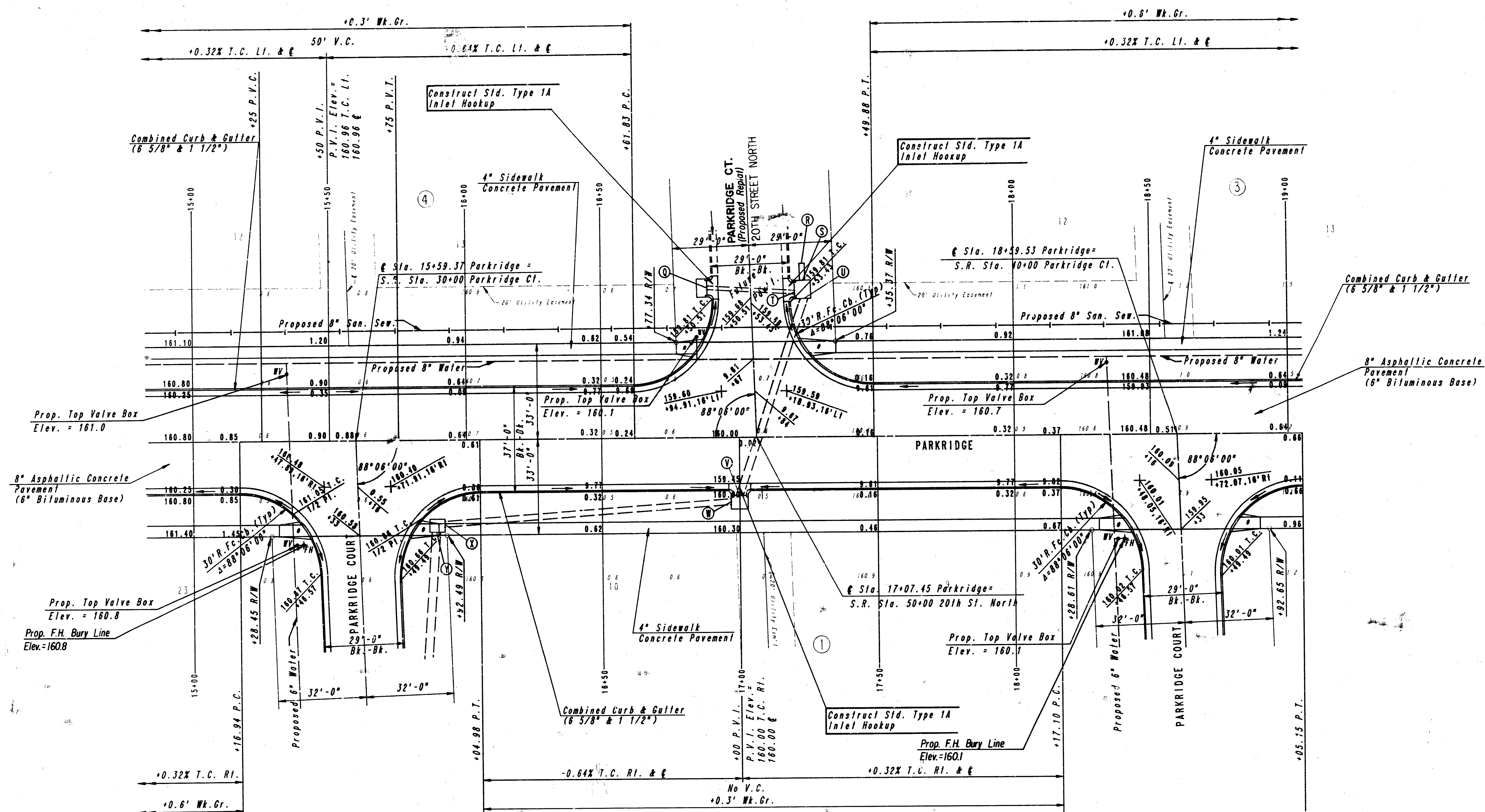
| WESTLAWN & PARKRIDGE INTERSECTION QUANTITIES |                                                    |
|----------------------------------------------|----------------------------------------------------|
| 158.535 Y. Δ                                 | Asphaltic Conc. Pavement (6" Bituminous Base)      |
| 19.21 S.Y. Δ                                 | 6" Bituminous Base                                 |
| 62.83 L.F.                                   | Combined Curb & Gutter (6 5/8" & 1 1/2")           |
|                                              | L.F. Monolithic Edge Curb ( " )                    |
| 2                                            | Eq. Standard Wheelchair Ramp Construction          |
|                                              | S.F. 4" Sidewalk Concrete Pavement                 |
| 269.955 Y.                                   | Subgrade Stabilization Manipulation                |
| 2.70 Tons                                    | Carbide Lime Subgrade Stabilization                |
| 2.02 Tons                                    | Pebble Quicklime Subgrade Stabilization            |
|                                              | Tons Cement Subgrade Stabilization                 |
|                                              | Tons Fly Ash Subgrade Stabilization                |
|                                              | Tons Preheater Fines Subgrade Stabilization        |
| 108.72 S.Y.                                  | Reinf. V.G. " Concrete & " Asphaltic Concrete Base |

**PARKRIDGE**  
 STA. 10+00 TO STA. 15+00

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
 ENGINEERS  
 WICHITA, KANSAS

|                  |                                 |
|------------------|---------------------------------|
| Designed by: BER | Checked by:                     |
| Drawn by: JGP    | Date: FEB, 1986 Job No. 85427-1 |

Scale: 1"=20'



| PARKRIDGE CT. & PARKRIDGE INTERSECTION QUANTITIES |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| — S.Y. —                                          | Unreinforced Concrete Pavement                          |
| 246.74 S.Y.                                       | 8" Asphaltic Conc. Pavement (6" Bituminous Base)        |
| 19.27 S.Y.                                        | 3" Bituminous Base                                      |
| 62.83 L.F.                                        | Combined Curb & Gutter (6 5/8" & 1 1/2")                |
| —                                                 | L.F. Monolithic Edge Curb (—)                           |
| 2                                                 | Std. Standard Wheelchair Ramp Construction              |
| —                                                 | S.F. 4" Sidewalk Concrete Pavement                      |
| 269.95 S.Y.                                       | Subgrade Stabilization Manipulation                     |
| 2.70                                              | Tons Carbide Lime Subgrade Stabilization                |
| 2.02                                              | Tons Pebble Quicklime Subgrade Stabilization            |
| —                                                 | Tons Cement Subgrade Stabilization                      |
| —                                                 | Tons Fly Ash Subgrade Stabilization                     |
| —                                                 | Tons Preheater Fines Subgrade Stabilization             |
| —                                                 | S.Y. Reinf. V.G. — Concrete & — Asphaltic Concrete Base |

| 20TH STREET NORTH & PARKRIDGE INTERSECTION QUANTITIES |                                                         |
|-------------------------------------------------------|---------------------------------------------------------|
| — S.Y. —                                              | Unreinforced Concrete Pavement                          |
| 246.74 S.Y.                                           | 8" Asphaltic Conc. Pavement (6" Bituminous Base)        |
| 19.27 S.Y.                                            | 3" Bituminous Base                                      |
| 62.83 L.F.                                            | Combined Curb & Gutter (6 5/8" & 1 1/2")                |
| —                                                     | L.F. Monolithic Edge Curb (—)                           |
| 2                                                     | Std. Standard Wheelchair Ramp Construction              |
| —                                                     | S.F. 4" Sidewalk Concrete Pavement                      |
| 269.95 S.Y.                                           | Subgrade Stabilization Manipulation                     |
| 2.70                                                  | Tons Carbide Lime Subgrade Stabilization                |
| 2.02                                                  | Tons Pebble Quicklime Subgrade Stabilization            |
| —                                                     | Tons Cement Subgrade Stabilization                      |
| —                                                     | Tons Fly Ash Subgrade Stabilization                     |
| —                                                     | Tons Preheater Fines Subgrade Stabilization             |
| —                                                     | S.Y. Reinf. V.G. — Concrete & — Asphaltic Concrete Base |

| PARKRIDGE CT. & PARKRIDGE INTERSECTION QUANTITIES |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| — S.Y. —                                          | Unreinforced Concrete Pavement                          |
| 246.74 S.Y.                                       | 8" Asphaltic Conc. Pavement (6" Bituminous Base)        |
| 19.27 S.Y.                                        | 3" Bituminous Base                                      |
| 62.83 L.F.                                        | Combined Curb & Gutter (6 5/8" & 1 1/2")                |
| —                                                 | L.F. Monolithic Edge Curb (—)                           |
| 2                                                 | Std. Standard Wheelchair Ramp Construction              |
| —                                                 | S.F. 4" Sidewalk Concrete Pavement                      |
| 269.95 S.Y.                                       | Subgrade Stabilization Manipulation                     |
| 2.70                                              | Tons Carbide Lime Subgrade Stabilization                |
| 2.02                                              | Tons Pebble Quicklime Subgrade Stabilization            |
| —                                                 | Tons Cement Subgrade Stabilization                      |
| —                                                 | Tons Fly Ash Subgrade Stabilization                     |
| —                                                 | Tons Preheater Fines Subgrade Stabilization             |
| —                                                 | S.Y. Reinf. V.G. — Concrete & — Asphaltic Concrete Base |

NOTE: ALL S.W.S. PIPE & INLETS BY OTHERS  
• CONSTRUCT STD. WHEELCHAIR RAMP (SEE SH. NO. 11)

- ① Out=155.34 15" RCP
- ② Out=155.34 15" RCP
- ③ In=154.98 24" RCP
- ④ In=154.78 24" RCP
- ⑤ In=154.95 24" RCP
- ⑥ In=154.74 24" RCP
- ⑦ In=155.05 15" RCP
- ⑧ In=154.87 15" RCP
- ⑨ Out=154.85 30" RCP
- ⑩ Out=154.64 36" RCP
- ⑪ In=154.70 30" RCP
- ⑫ In=154.33 36" RCP
- ⑬ Out=154.60 30" RCP
- ⑭ In=153.57 30" RCP
- ⑮ In=153.78 36" RCP
- ⑯ Out=153.47 30" RCP
- ⑰ Out=153.68 36" RCP

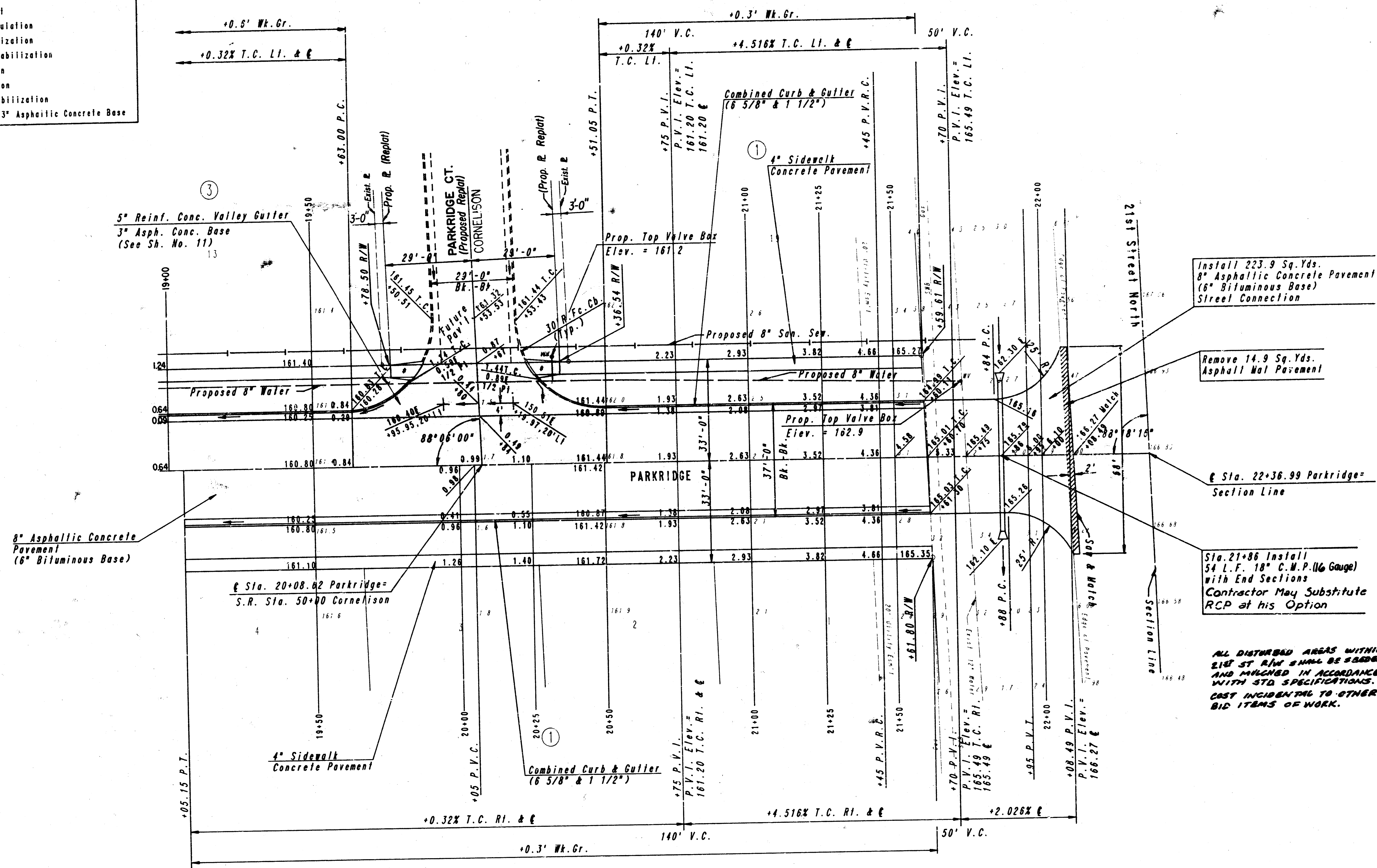
PARKRIDGE  
STA. 15+00 TO STA. 19+05.15

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS

|                  |                                |
|------------------|--------------------------------|
| Designed by: BER | Checked by:                    |
| Drawn by: JGP    | Date FEB, 1988 Job No. 85427-1 |

| PROJECT NO.              | SHEET NO. | TOTAL SHEETS |
|--------------------------|-----------|--------------|
| 472-76-245-81515-000-001 | 7         | 28           |

| CORNELISON & PARKRIDGE<br>INTERSECTION QUANTITIES |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| — S.V. —                                          | Unreinforced Concrete Pavement                       |
| 156.53 S.V. R.                                    | 8" Asphaltic Conc. Pavement (6" Bituminous Base)     |
| — S.V. —                                          | 8" Bituminous Base                                   |
| — S.F. —                                          | Combined Curb & Gutter (6 5/8" & 1 1/2")             |
| 62.83 L.F.                                        | Monolithic Edge Curb (6 5/8")                        |
| 2                                                 | Ea. Standard Wheelchair Ramp Construction            |
| — S.F. —                                          | 4" Sidewalk Concrete Pavement                        |
| 269.95 S.V.                                       | Subgrade Stabilization Manipulation                  |
| 2.70                                              | Tons Carbide Lime Subgrade Stabilization             |
| 2.02                                              | Tons Pebble Quicklime Subgrade Stabilization         |
| —                                                 | Tons Cement Subgrade Stabilization                   |
| —                                                 | Tons Fly Ash Subgrade Stabilization                  |
| —                                                 | Tons Preheated Fines Subgrade Stabilization          |
| 108.72 S.V.                                       | Reinf. V.C. 5" Concrete & 3" Asphaltic Concrete Base |



NOTE: ALL S.W.S. PIPES & INLETS BY OTHERS  
• CONSTRUCT STD. WHEELCHAIR RAMP (SEE SH. NO. 11)

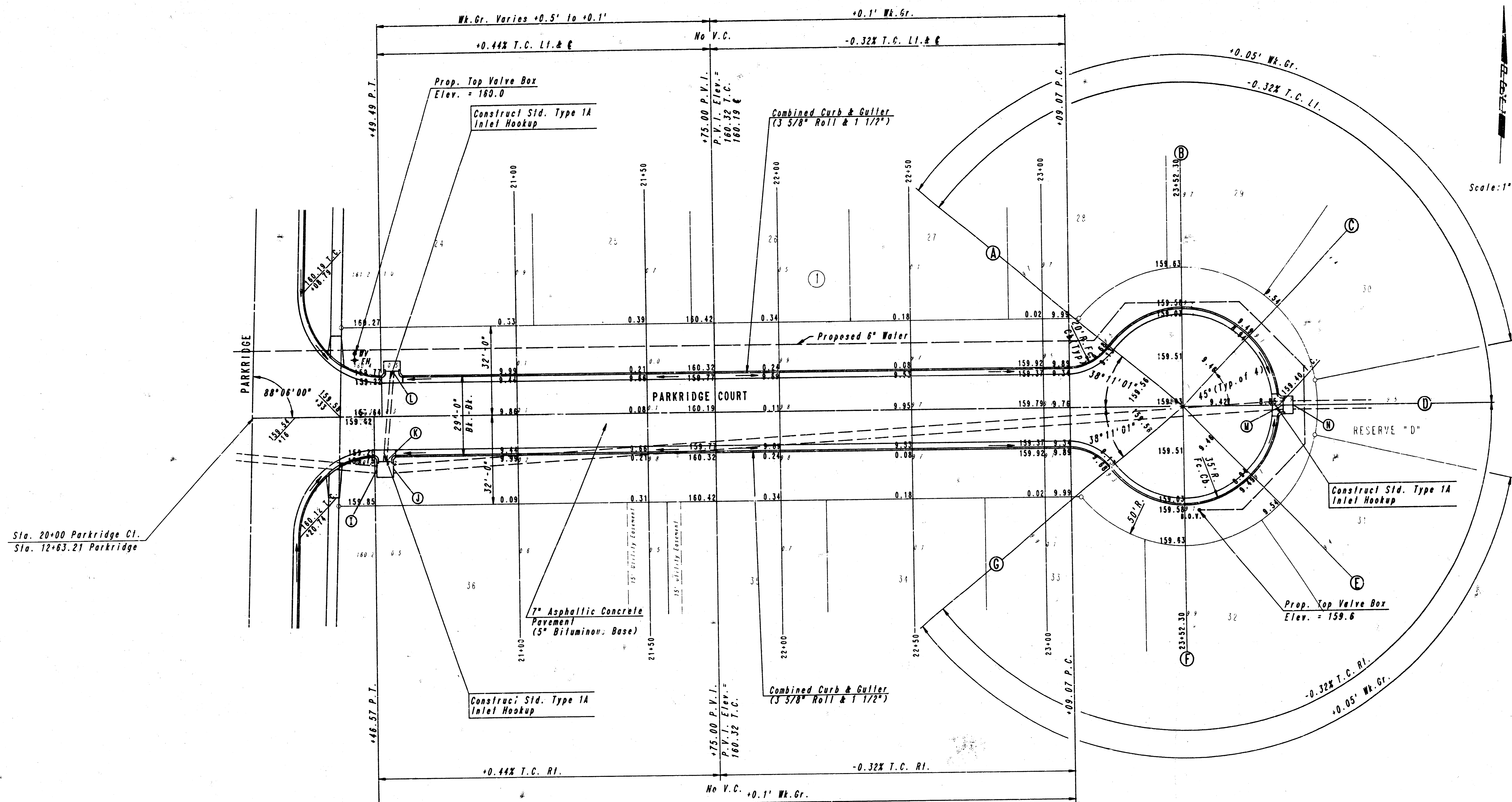
PARKRIDGE  
STA. 19+05.15 TO STA. 22+36.99

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ENGINEERS  
WICHITA, KANSAS

|             |     |            |           |
|-------------|-----|------------|-----------|
| Designed by | BER | Checked by |           |
| Drawn by    | JGP | Date       | FEB, 1986 |

Job No. 85427-1



Sta. 20+00 Parkridge Cl.  
Sta. 12+63.21 Parkridge

NOTE: ALL S.W.S. PIPES & INLETS BY OTHERS

#### INTERSECTION QUANTITIES

|                      |                                               |
|----------------------|-----------------------------------------------|
| — S.Y. —             | Unreinforced Concrete Pavement                |
| 44.14 S.Y. 7"        | Asphaltic Conc. Pavement (5" Bituminous Base) |
| 9.29 S.Y. 2 1/2"     | Bituminous Base                               |
| 31.42 L.F.           | Combined Curb & Gutter (6 5/8" & 1 1/2")      |
| — L.F. —             | Monolithic Edge Curb (—")                     |
| — Ee. —              | Standard Wheelchair Ramp Construction         |
| — S.F. —             | 4" Sidewalk Concrete Pavement                 |
| 55.18 S.Y.           | Subgrade Stabilization Manipulation           |
| 0.55 Tons            | Corbide Lime Subgrade Stabilization           |
| 0.41 Tons            | Pebble Quicklime Subgrade Stabilization       |
| — Tons —             | Cement Subgrade Stabilization                 |
| — Tons —             | Fly Ash Subgrade Stabilization                |
| — Tons —             | Preheater Fines Subgrade Stabilization        |
| — S.Y. Reinf. V.C. — | Concrete & — Asphaltic Concrete Base          |

- ① In=153.30 30" RCP
- ② In=154.26 36" CWP
- ③ Out=153.20 36" RCP
- ④ Out=154.16 36" CWP
- ⑤ In=155.26 15" RCP
- ⑥ In=155.03 15" CWP
- ⑦ Out=155.40 15" RCP
- ⑧ Out=155.40 15" CWP
- ⑨ In=152.70 36" RCP
- ⑩ Out=152.69 36" RCP
- ⑪ Out=152.70 36" CWP

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL CURB

PARKRIDGE COURT  
STA. 20+00 TO STA. 23+52.30

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS

|             |     |            |           |
|-------------|-----|------------|-----------|
| Designed by | BER | Checked by |           |
| Drawn by    | JGP | Date       | FEB, 1986 |
|             |     | Job No.    | 85427-1   |

2/20

| PROJECT NO.              | SHEET NO. | TOTAL SHEETS |
|--------------------------|-----------|--------------|
| 472-76-245-S1515-000-001 | 9         | 20           |

- ① In=153.57 30" RCP
- ② In=153.78 36" CMP
- ③ Out=153.47 30" RCP
- ④ Out=153.68 36" CMP
- ⑤ In=152.67 30" RCP
- ⑥ In=151.67 36" CMP
- ⑦ Out=152.57 36" RCP
- ⑧ Out=151.51 36" CMP

Sta. 30+00 Parkridge Cl. =  
Sta. 15+59.57 Parkridge

Prop. Top Valve Box  
Elev. = 160.8

NOTE: ALL S.W.S. PIPES & INLETS BY OTHERS

#### INTERSECTION QUANTITIES

- S.Y. — Unreinforced Concrete Pavement
- 44.14 S.Y. — 7" Asphaltic Conc. Pavement (5" Bituminous Base)
- 9.29 S.Y. — 2 1/2" Bituminous Base
- 31.42 L.F. Combined Curb & Gutter (6 5/8" & 1 1/2")
- L.F. Monolithic Edge Curb (—)
- Ea. Standard Wheelchair Ramp Construction
- S.F. 4" Sidewalk Concrete Pavement
- 55.18 S.Y. Subgrade Stabilization Manipulation
- 0.55 Tons Carbide Lime Subgrade Stabilization
- 0.41 Tons Pebble Quicklime Subgrade Stabilization
- Tons Cement Subgrade Stabilization
- Tons Fly Ash Subgrade Stabilization
- Tons Preheater Fines Subgrade Stabilization
- S.Y. Reinf. V.G. — Concrete & — Asphaltic Concrete Base

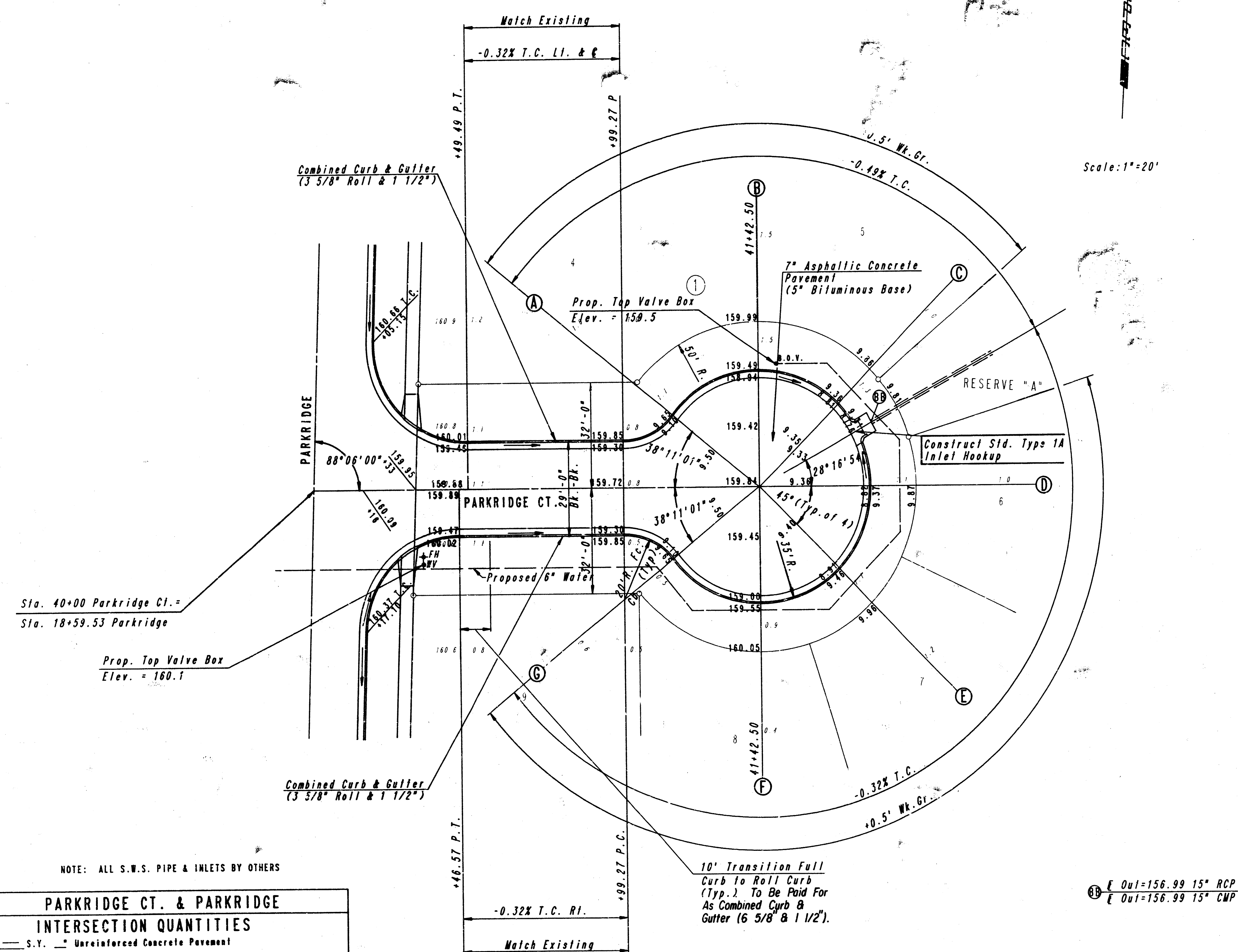
NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL TYPE CURB

PARKRIDGE COURT  
STA. 30+00 TO STA. 33+37.37

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS

Designed by: BER Checked by: JGP  
Drawn by: JGP Date: FEB. 1988 Job No. 85427-1

| PROJECT NO.                  | SHEET NO. | TOTAL SHEETS |
|------------------------------|-----------|--------------|
| 472-76-245-81515-000-000-001 | 10        | 20           |



NOTE: ALL S.W.S. PIPE & INLETS BY OTHERS

| PARKRIDGE CT. & PARKRIDGE INTERSECTION QUANTITIES |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| — S.Y. —                                          | Unreinforced Concrete Pavement                   |
| 44.14 S.Y.                                        | 7" Asphaltic Conc. Pavement (5" Bituminous Base) |
| 9.29 S.Y.                                         | 2 1/2" Bituminous Base                           |
| 31.42 L.F.                                        | Combined Curb & Gutter (6 5/8" & 1 1/2")         |
| — L.F. —                                          | Monolithic Edge Curb (—")                        |
| —                                                 | Ex. Standard Wheelchair Ramp Construction        |
| — S.F. —                                          | 4" Sidewalk Concrete Pavement                    |
| 55.18 S.Y.                                        | Subgrade Stabilization Manipulation              |
| 0.55 Tons                                         | Carbide Lime Subgrade Stabilization              |
| 0.41 Tons                                         | Pebble Quicklime Subgrade Stabilization          |
| —                                                 | Tons Cement Subgrade Stabilization               |
| —                                                 | Tons Fly Ash Subgrade Stabilization              |
| —                                                 | Tons Preheater Fines Subgrade Stabilization      |
| — S.Y. Reinf. V.G. —                              | Concrete & Asphaltic Concrete Base               |

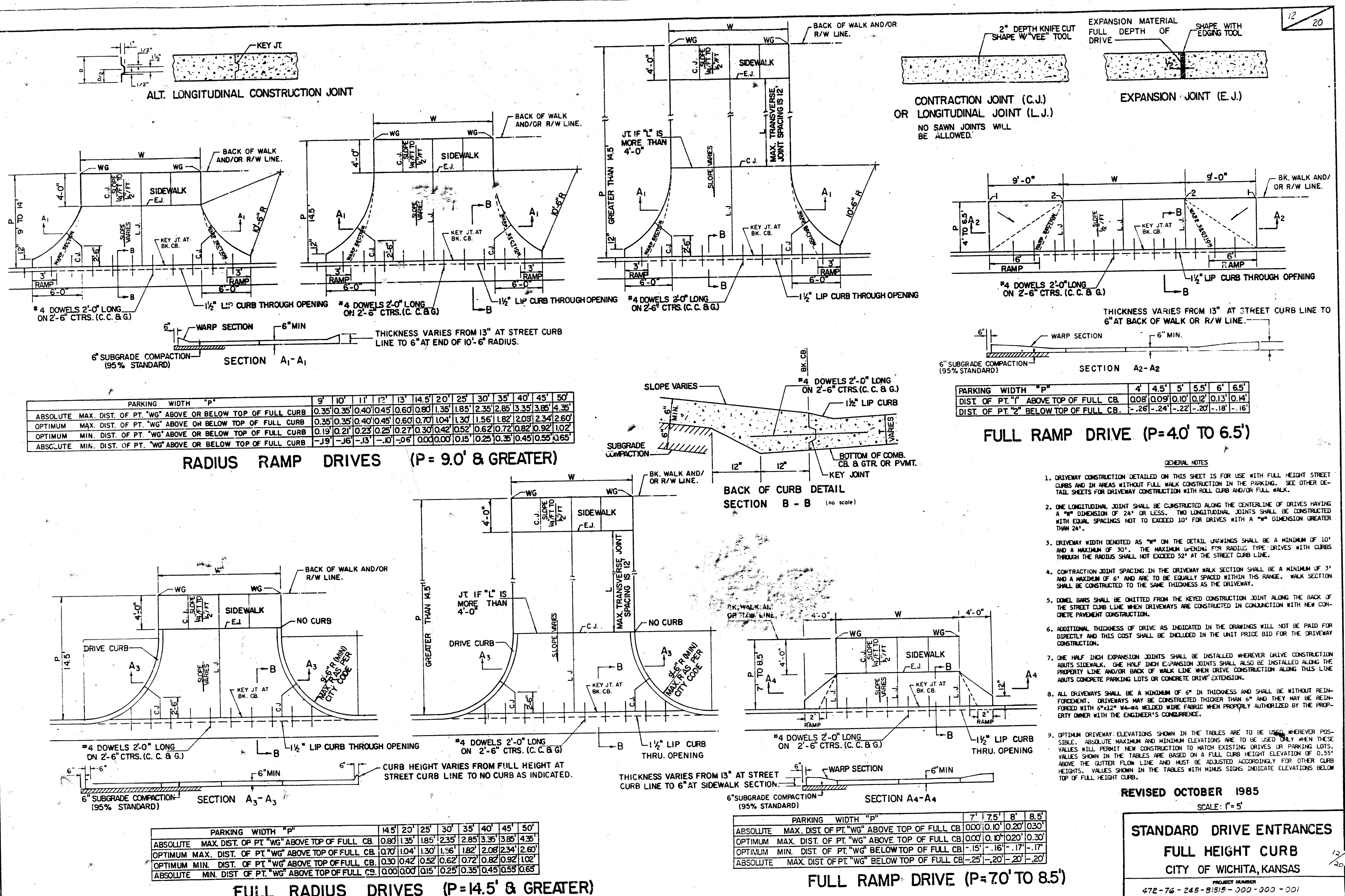
NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL CURB

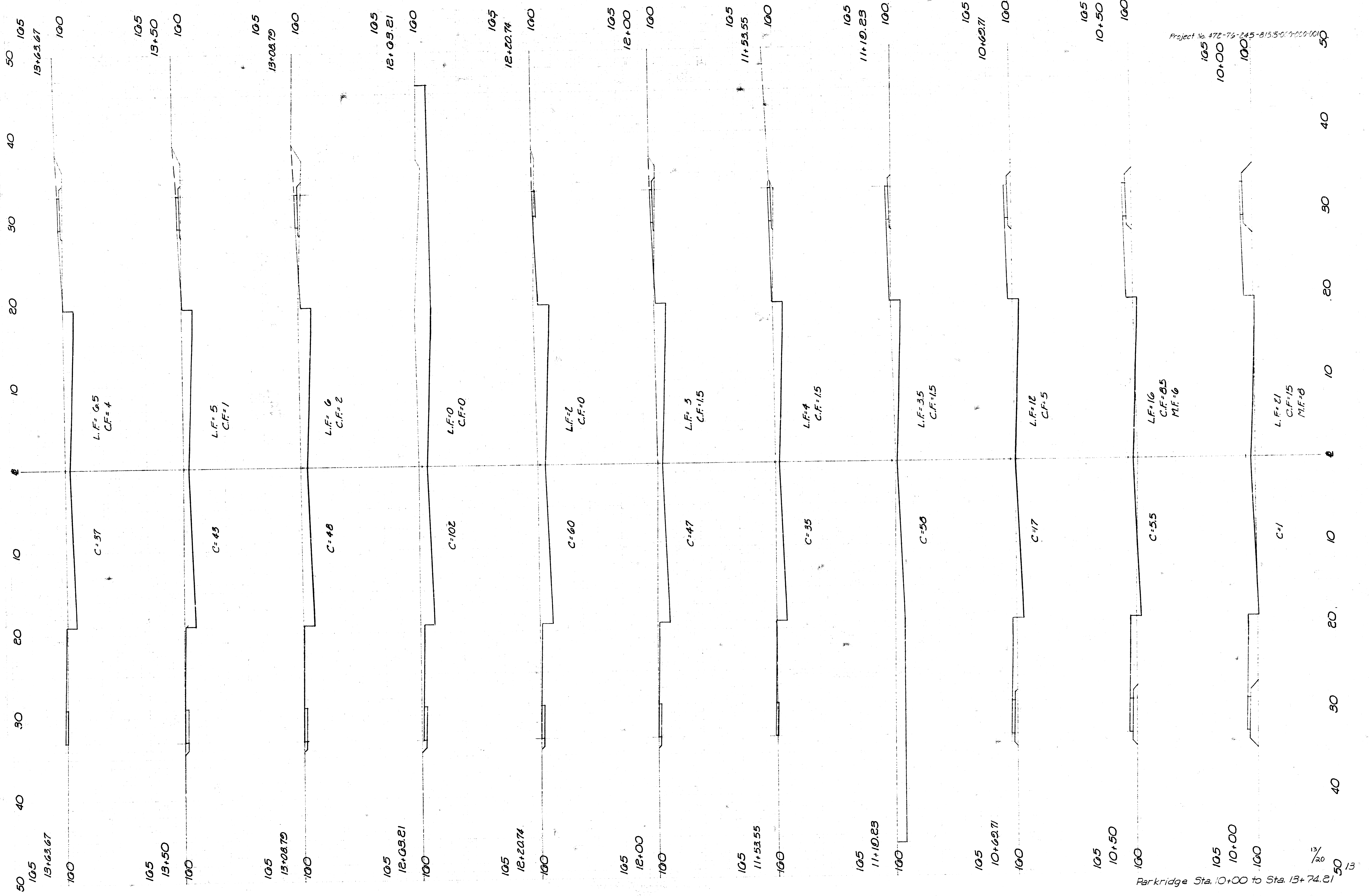
**PARKRIDGE COURT**  
STA. 40+00 TO STA. 41+42.50

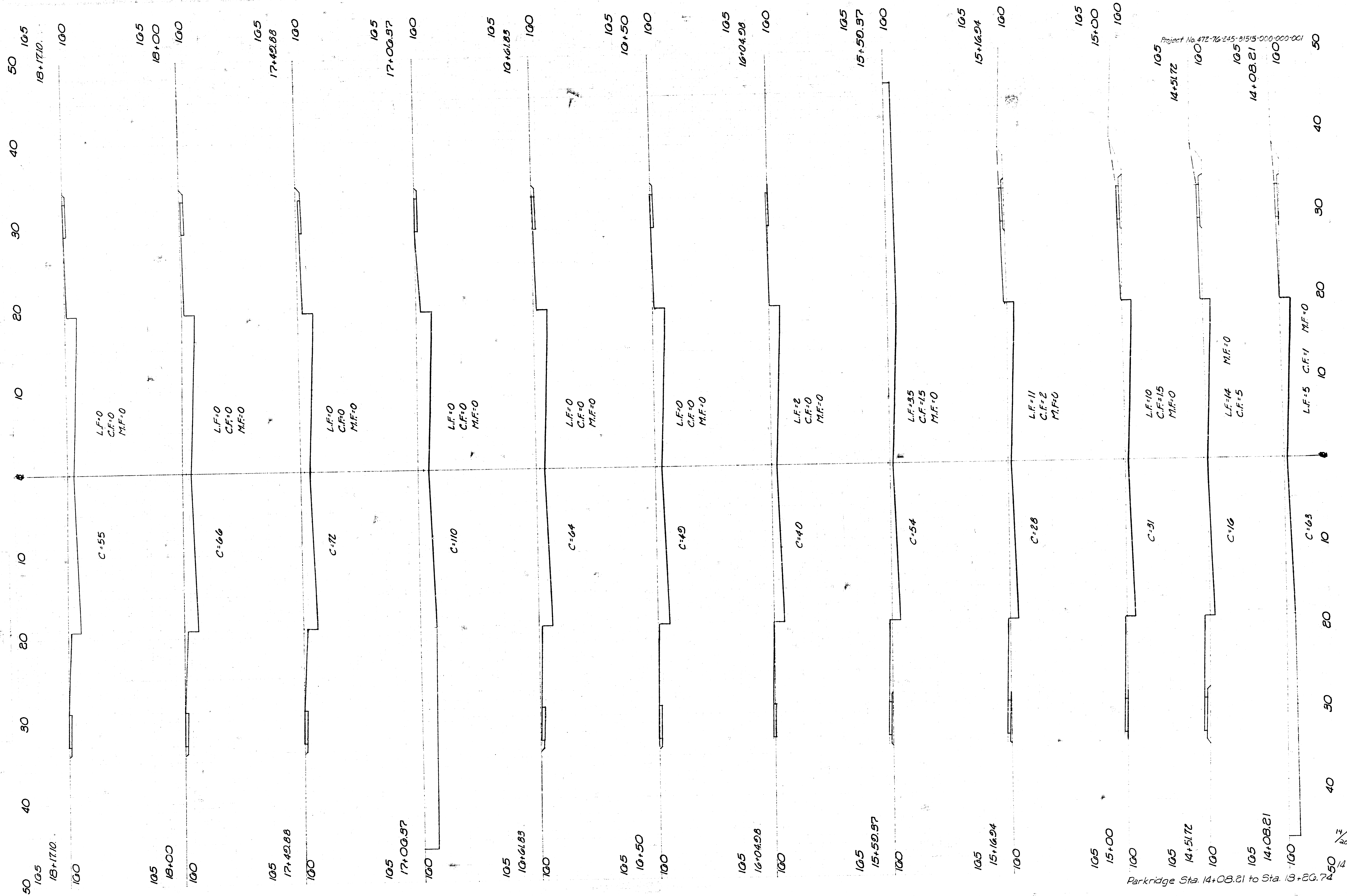
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS

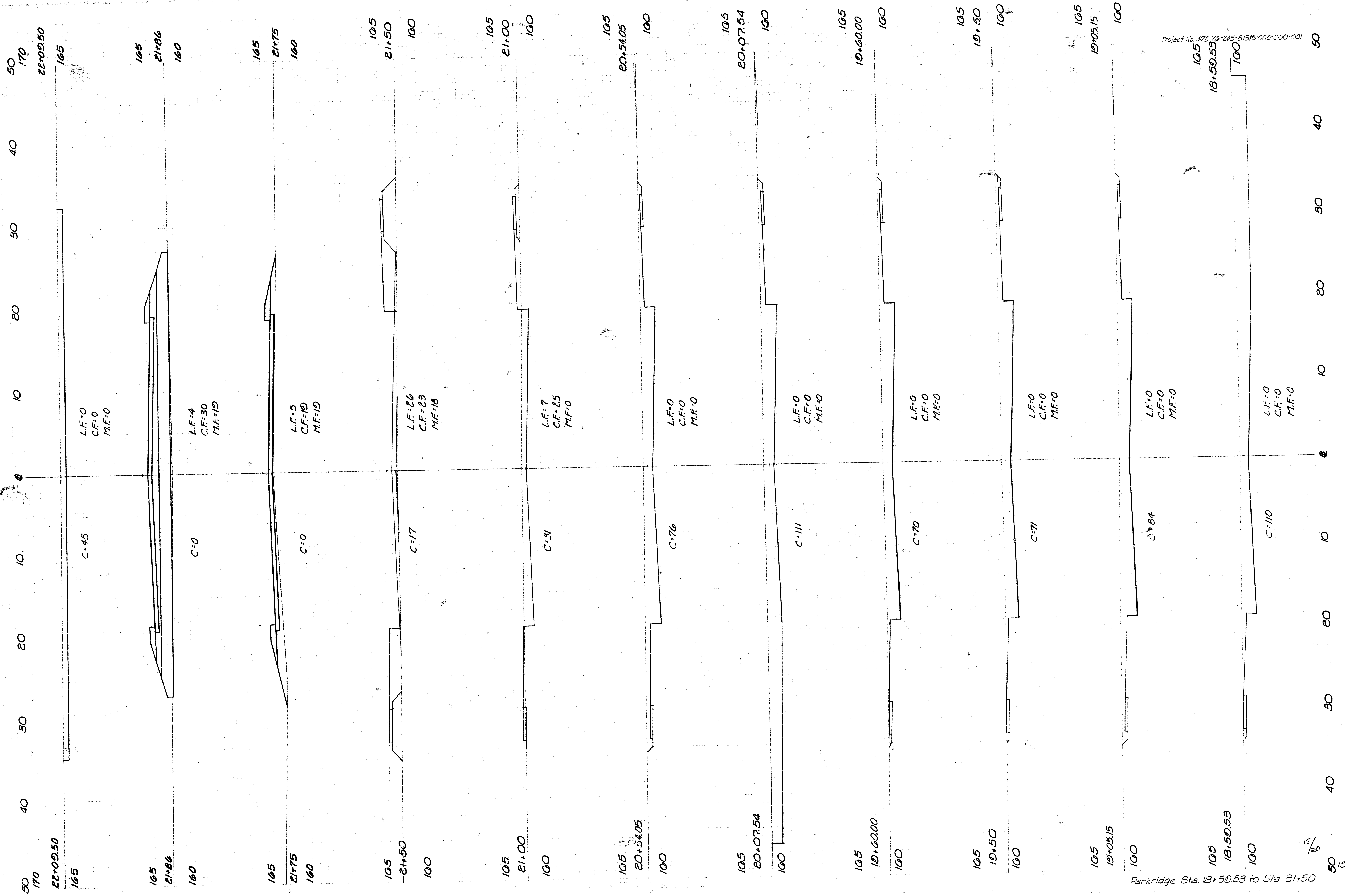
|                    |                                |
|--------------------|--------------------------------|
| Designed by<br>BER | Checked by                     |
| Drawn by<br>JGP    | Date FEB, 1988 Job No. 85427-1 |







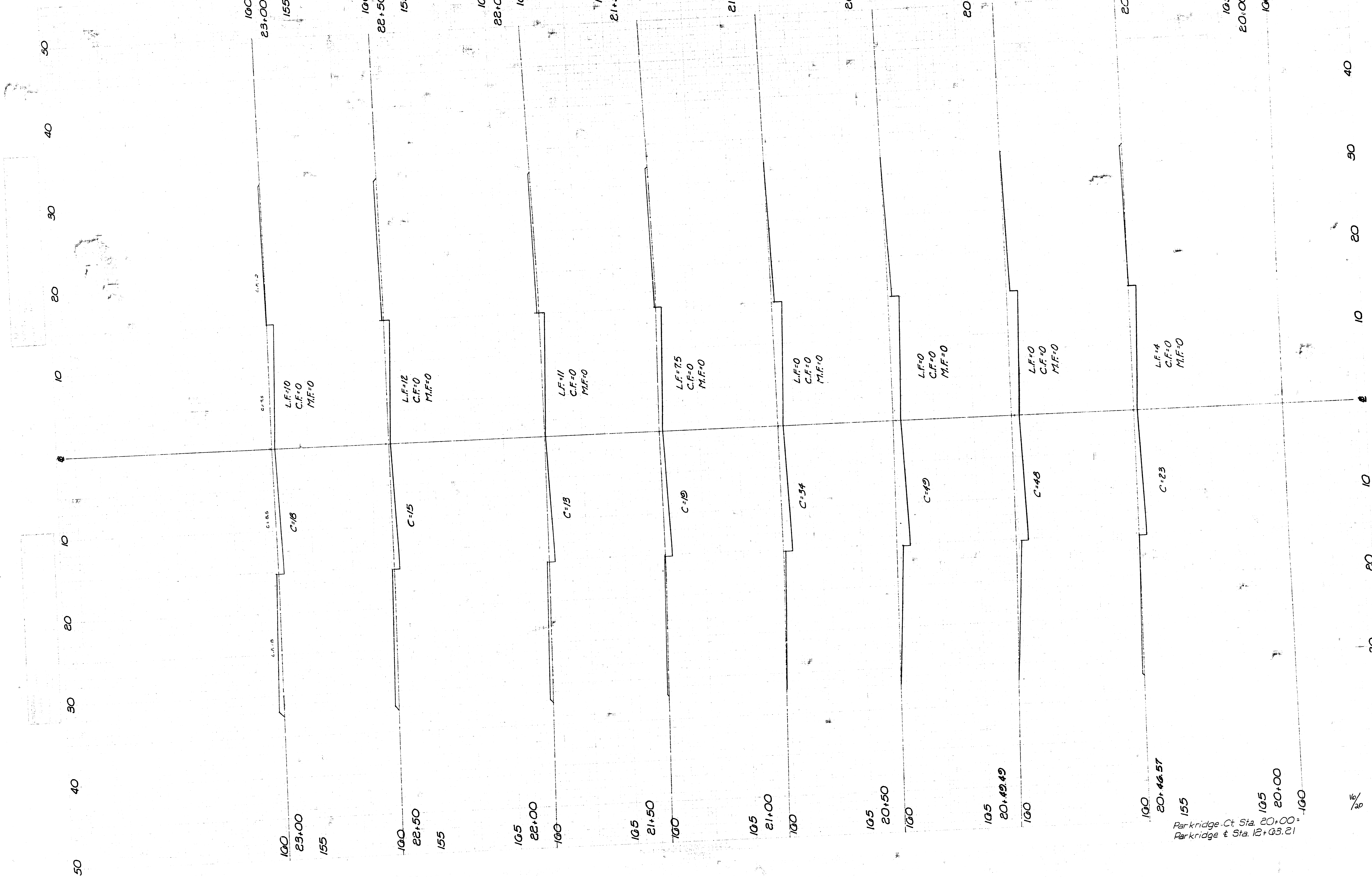




Project No. 472-76-245-81515-000-000-001  
105  
18+50.53  
100

Parkridge Sta. 18+50.53 to Sta. 21+50

15/20  
50



Project No. 472-74-245-B1515-000-000-001

Parkridge Ct. Sta. 20+00 =  
Parkridge & Sta. 12+03.21

50  
20

Project No. 472-70-245-B1515-000-000-001

100 A 155

LF=2 C.Y.  
C=11 C.Y.

LF=8 C.Y.  
C=11 C.Y.

LF=9 C.Y.  
C=9 C.Y.

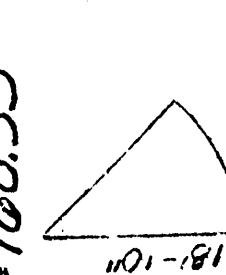
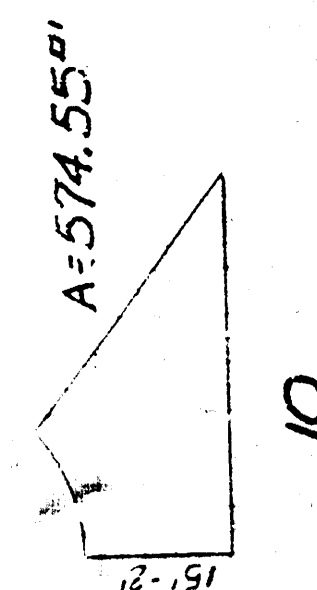
LF=9 C.Y.  
C=8 C.Y.

LF=9 C.Y.  
C=8 C.Y.

LF=9 C.Y.  
C=7 C.Y.

LF=8 C.Y.  
C=7 C.Y.

LF=1 C.Y.  
C=11 C.Y.



A=591.47 sq ft

A=584.66 sq ft

LF=6.5

C=17

A=507.75 sq ft

A=513.66 sq ft

LF=7

C=16

LF=7.5

C=13

LF=7

C=16

LF=6.5

C=11

LF=6

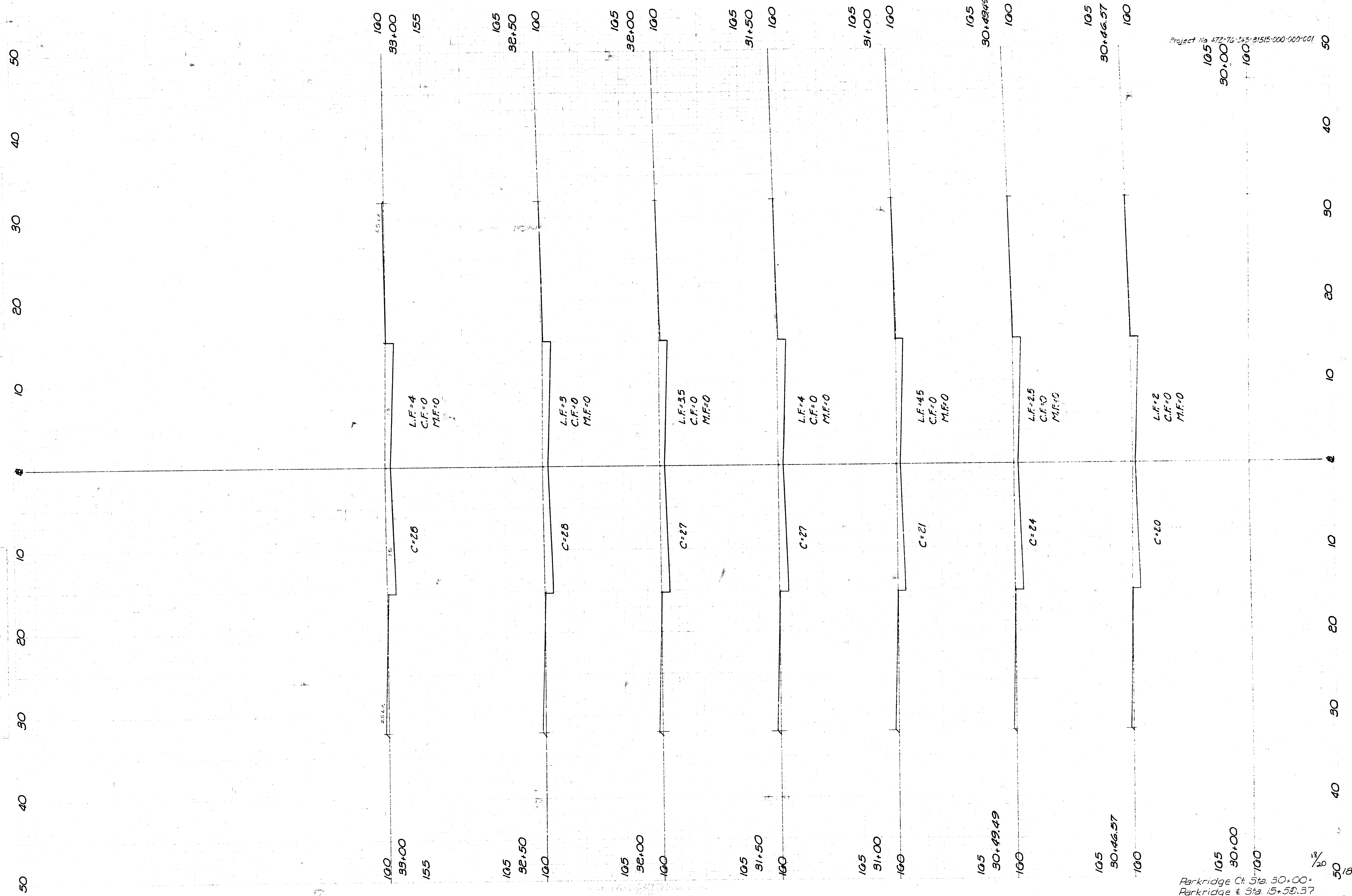
C=16

LF=6

C=16

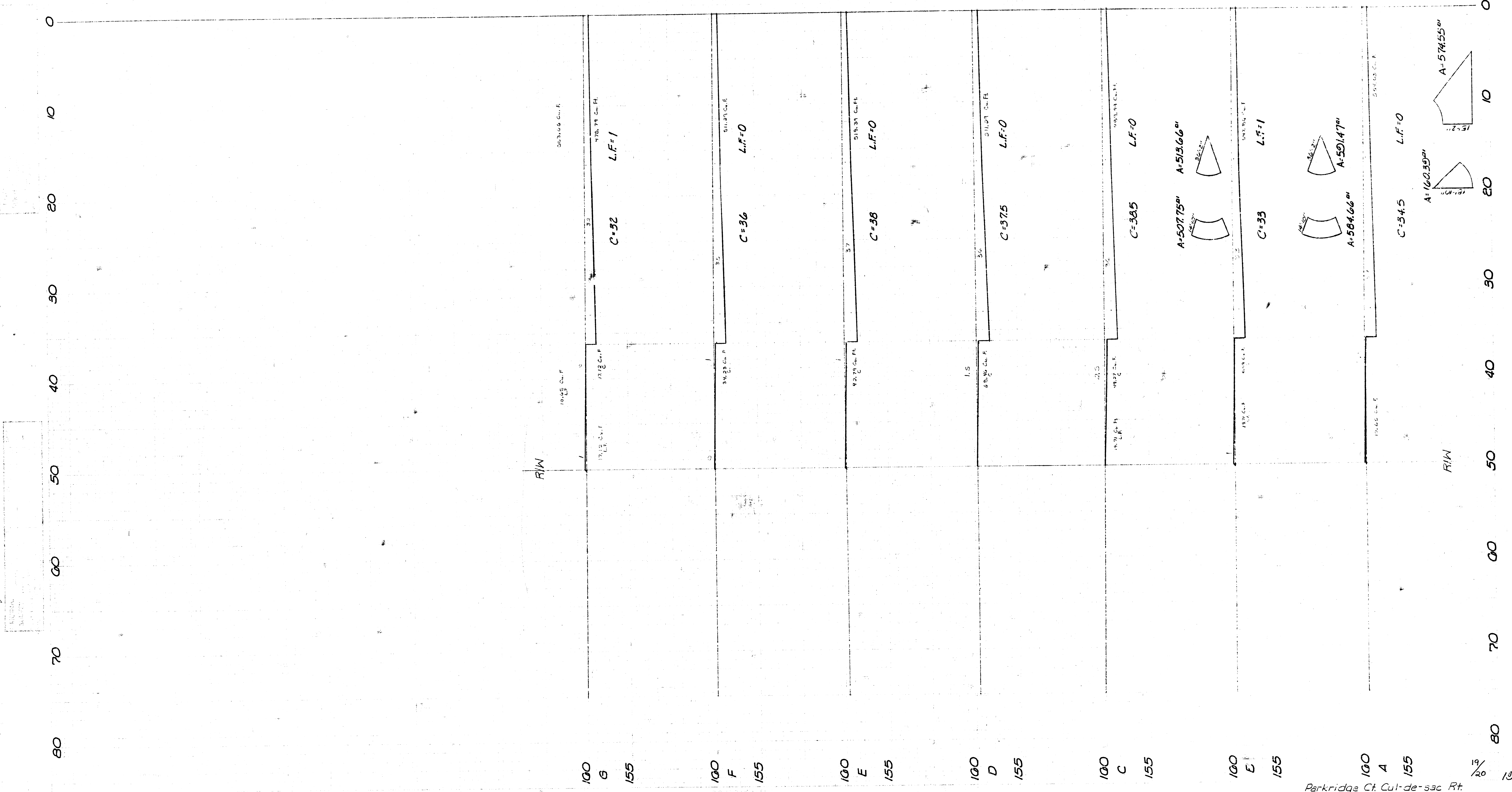
Parkridge Ct Cul-de-sac Rt.  
Parkridge & Sta. 12+03.21

17/20



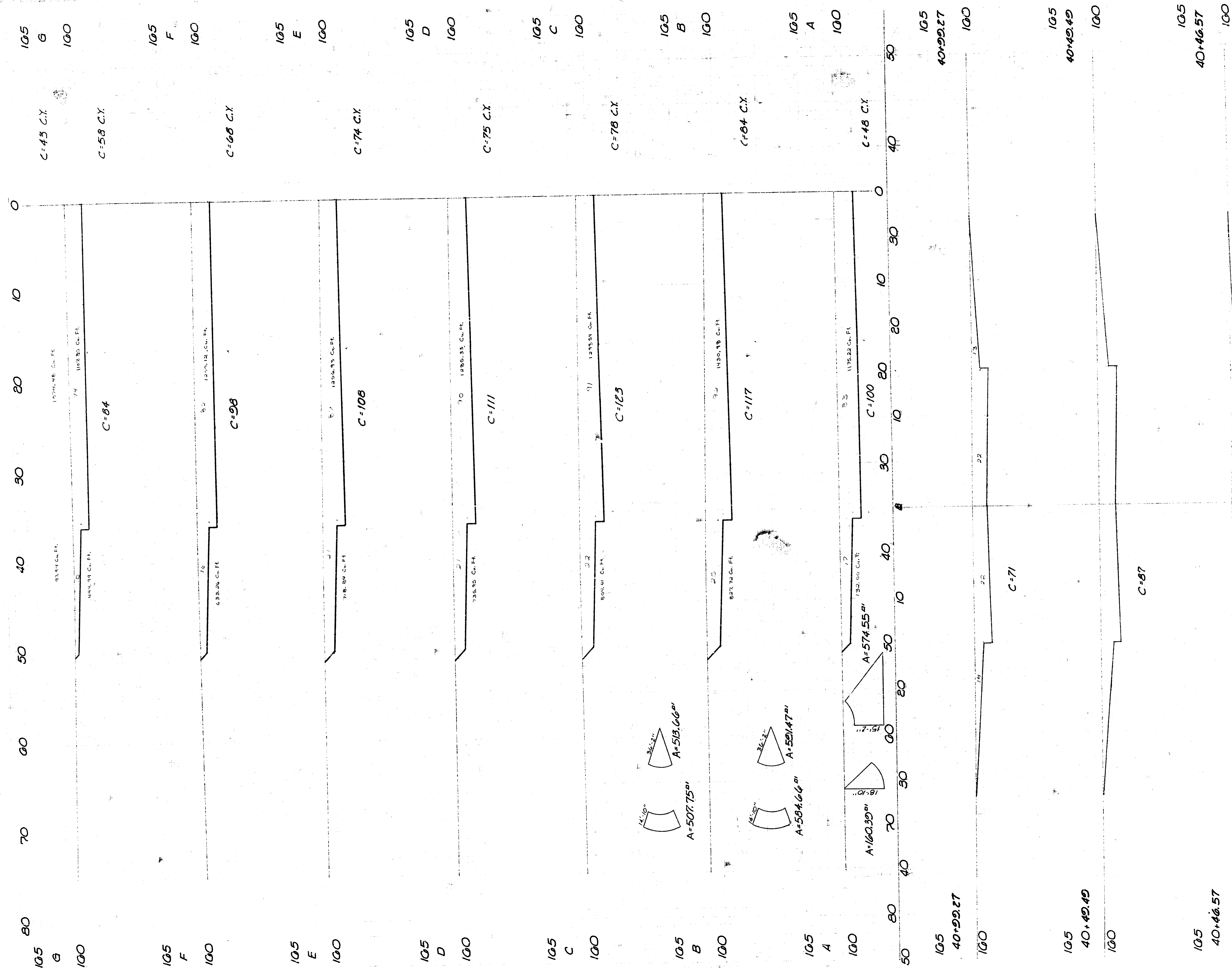
Project No 472-76-245-31515-000-000-00

Parkridge Ct. Sta. 30+00 =  
Parkridge & Sta. 15+50.37



Project No. 472-76-245-31515-500-000-001

Parkridge Ct. Cul-de-sac Rt.  
Parkridge & Sta. 15+50.37



Project No. 472-76-245-81515-020-000-001  
105  
40+00  
100

Parkridge Ct Sta 40+00  
Parkridge Ct Sta 40+50

