# CONSTRUCTION PLANS

FOR

# STREET IMPROVEMENTS

PRESCOTT - FROM NORTH LINE OF MAPLE TO SOUTH LINE OF SHERIAC
SHERIAC - FROM EAST LINE OF LOT 15, BLK.17 TO EAST LINE OF LOT 11, BLK.17

IN

# OAK CLIFF ESTATES

WICHITA, KANSAS

PROJECT NO. 472-76-245-80000-000-000-008

**NOTE TO CONTRACTOR**

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will prepay the City of Wichita for all costs of Inspection.

11-10-83

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers _____
Storm Sewers Paul McCat P.E.

OWNER - DEVELOPER
INLAND INVESTMENT CO., INC.

INDEX OF SHEETS


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SHT. NO. 2 - GENERAL SITE PLAN
SHT. NO. 3 - TYPICAL SECTIONS
SHT. NO. 4 - PA[illegible]S PLAN
SHT. NO. 5 & 6 - CROSS SECTIONS



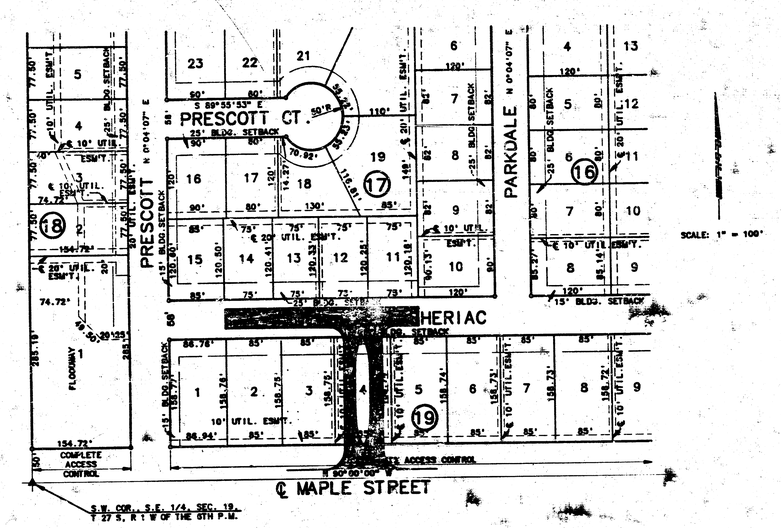
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS


1983

CHARLES S. BROWN LICENSED 7581 KANSAS PROFESSIONAL ENGINEER

1/6


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## GENERAL NOTES

1. ALL ELEVATIONS BASED ON CITY OF WICHITA DATUM.
2. ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
3. THE CONTRACTOR SHALL ERECT WARNING SIGNS, FLASHING LIGHTS, AND BARRICADES TO INSURE SAFETY AS DIRECTED BY THE ENGINEER. ALL TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE MUTCD.
4. 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
   1900 EAST CENTRAL
   264-1111 (EXT. 248) JERRY LANE

   CITY OF WICHITA WATER DEPT.
   455 NORTH MAIN STREET
   268-4555, BENNY GEGEN

   SOUTHWESTERN BELL TELEPHONE
   154 NORTH BROADWAY
   262-5500

   CITY OF WICHITA PUBLIC WORKS
   ENGINEERING DEPARTMENT
   455 NORTH MAIN
   268-4501, DON SCHNIEDER

   GAS SERVICE COMPANY
   1021 E. 26TH NO.
   263-7511
   GENE CURLESS

5. THE CONTRACTOR MUST ALSO NOTIFY THE TELEPHONE COMPANY 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WORK NEAR BURIED TELEPHONE LINES.
6. CONTRACTOR SHALL SEED, MULCH AND FERTILIZE ALL DRAINAGE DITCHES, SLOPES AT TEMPORARY PAVEMENT ENDS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. APPLICATION RATES FOR SEED, MULCH, AND FERTILIZER SHALL BE AS FOLLOWS:
   1. SEEDING - K-31 FESCUE @ 350 LBS. PER ACRE
   2. MULCH - 1 TON PER ACRE
   3. FERTILIZER - 650 LBS. PER ACRE 10-20-0
7. CONTRACTOR SHALL COORDINATE PAVING WORK WITH WATER LINE CONTRACTOR FOR THE INSTALLATION OF 12" WATER LINE CROSSING SHERIAC.
8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION STAKING.

| ITEM | DESCRIPTION | QUANTITY | UNIT |
|---|---|---|---|
| 1. | UNCLASSIFIED EXCAVATION | 1969 | C.Y. |
| 2. | LINEAR GRADING ("V" DITCH) | 327 | L.F. |
| 3. | SUBGRADE TREATMENT * | 2,177 | S.Y. |
| 4. | ASPHALT PAVEMENT | 1,750 | S.Y. |
| 5. | 2 1/2" BITUMINOUS BASE (UNDER CURB) | 354 | S.Y. |
| 6. | STANDARD CURB AND GUTTER | 873 | L.F. |
| 7. | SPECIAL CURB AND GUTTER | 319 | L.F. |
| 8. | SEEDING | 4 | M.S.F. |

THE QUANTITIES SHOWN 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 QUANTITIES ACCORDINGLY. A LUMP SUM BID SHALL BE SUBMITTED TO INLAND INVESTMENT COMPANY, INC. FOR THE SATISFACTORY COMPLETION OF ALL CONSTRUCTION ITEMS.

* SUBGRADE TREATMENT SHALL CONSIST OF ONE OF THE FOLLOWING:
  13 LB/SY PEBBLE QUICKLIME
  20 LB/SY CARBIDE LIME
  50 LB/SY FLY ASH

Bench Mark #1 — TOP OF 1/2" REBAR, STA. 4+09.10, ELEV. = 142.665

Bench Mark #2 — CHIS. "□" ON TOP OF CURB, SHERIAC STREET STA. 10+50 14.5' LEFT, ELEV. = 145.615

Bench Mark #3 — CITY OF WICHITA STANDARD DISC 43.5' SOUTH AND 52.7' EAST OF INTERSECTION OF CENTERLINES OF MAIZE ROAD AND MAPLE ELEV. = 133.20

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| | | | |

OAK CLIFF ESTATES
INLAND INVESTMENT CO., INC.

# GENERAL SITE PLAN

C.O.W. PROJECT NO. 472-78-248-80000-000-000-008

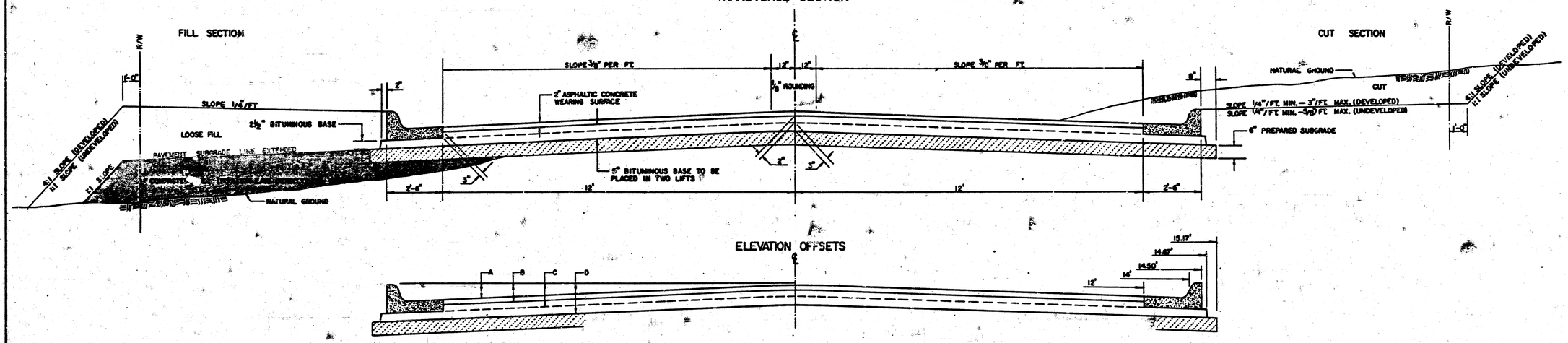
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WICHITA, KANSAS

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|---|---|---|---|
| Designed by CSB | Job No. 83348-1 | Sht. 2 of 8 |
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# TYPICAL 29' PAVEMENT DETAILS

## TRANSVERSE SECTION

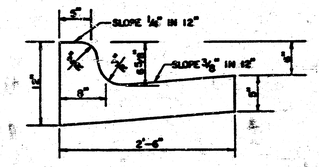



## ELEVATION OFFSETS

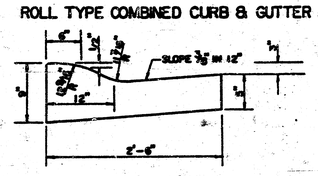



| | DISTANCE FROM CENTERLINE (LT. & RT.) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0' | 2' | 4' | 6' | 7' | 8' | 10' | 12' | 14' | 14.5' | 14.67' | 15.17' |
| A: TOP OF CURBS TO TOP OF SURFACE LIFT | 0.13 | 0.18 | 0.24 | 0.30 | 0.33 | 0.36 | 0.43 | 0.49 | — | — | — | — |
| 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 |

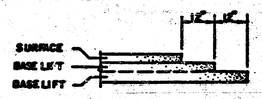
### COMBINED CURB & GUTTER




### ROLL TYPE COMBINED CURB & GUTTER



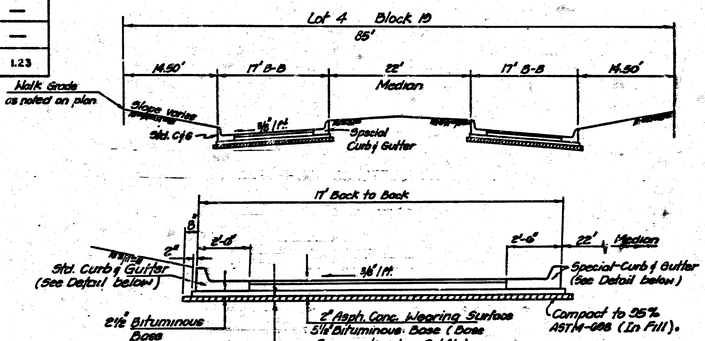

### TRANSVERSE CONSTRUCTION JOINTS

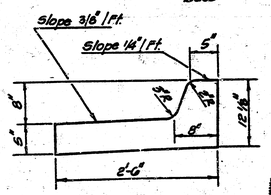



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL.

### 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.




**SPECIAL CURB & GUTTER DETAIL**

CHARLES E. BROWN LICENSED 7581 KANSAS PROFESSIONAL ENGINEER

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OAK CLIFF ESTATES
INLAND INVESTMENT COMPANY

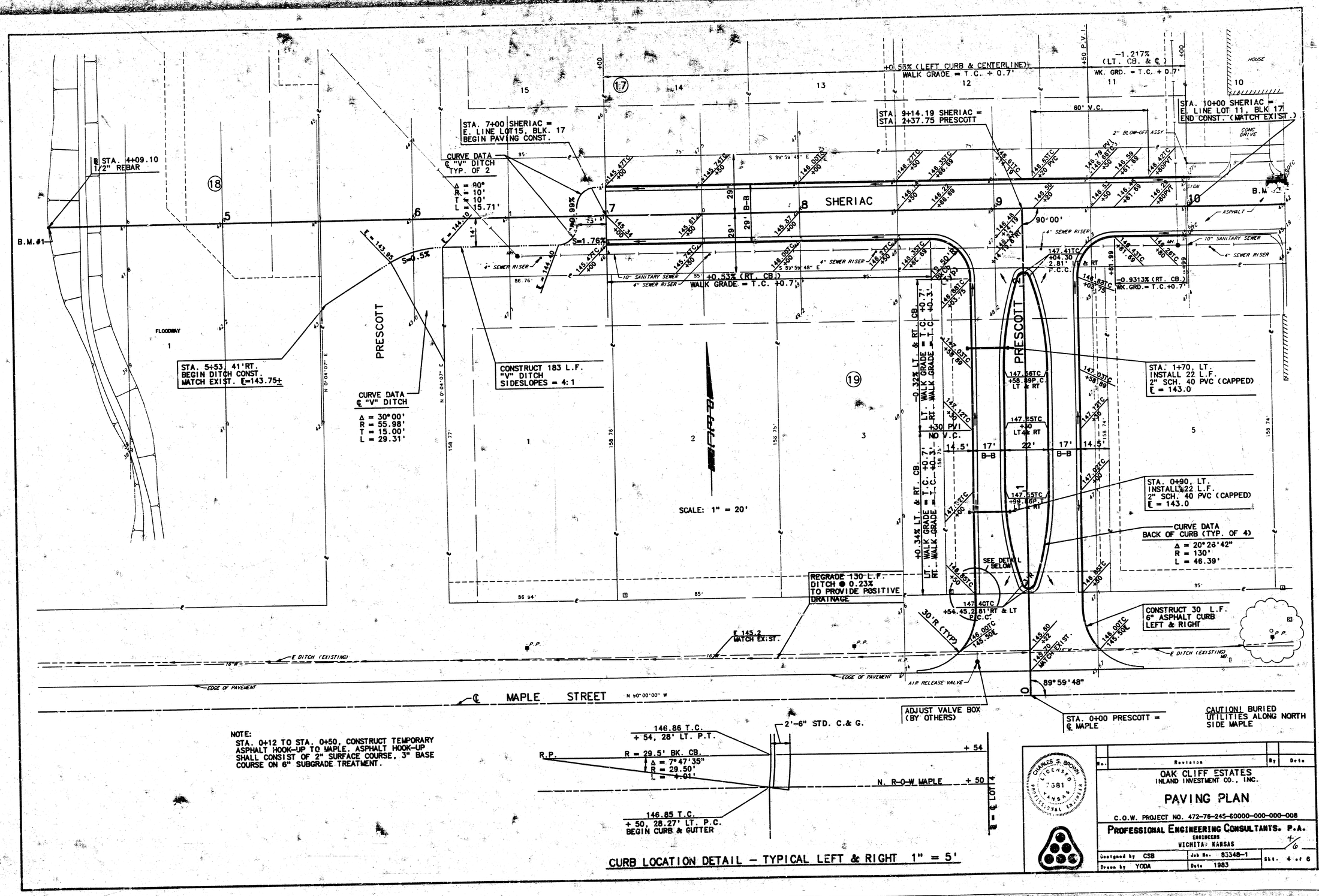
## TYPICAL SECTIONS

COW. PROJECT NO: 472-76-245-80000-000-000-008

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| | | |
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NOTE:
STA. 0+12 TO STA. 0+50, CONSTRUCT TEMPORARY ASPHALT HOOK-UP TO MAPLE. ASPHALT HOOK-UP SHALL CONSIST OF 2" SURFACE COURSE, 3" BASE COURSE ON 6" SUBGRADE TREATMENT.




CURB LOCATION DETAIL – TYPICAL LEFT & RIGHT 1" = 5'

CHARLES S. BROWN
LICENSED
7581
KANSAS
PROFESSIONAL ENGINEER

| No. | Revision | By | Date |
|---|---|---|---|

OAK CLIFF ESTATES
INLAND INVESTMENT CO., INC.

# PAVING PLAN

C.O.W. PROJECT NO. 472-76-245-60000-000-000-008

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

| | | |
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OAK CLIFF ESTATES
STREET IMPROVEMENTS
SHERIAC

C = 7.5

C = 2.1

C = 97.9

STA 7+00

STA 6+50

STA 6+00

STA 5+50

STA 5+00

STA 4+50

STA 4+09.10

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

PLATE 3 CROSS SECTION
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NO. .005M.3

5/6

SHT. 5 OF 6

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OAK CLIFF ESTATES
STREET IMPROVEMENTS
SHERIAC

C = 86.2

C = 77.8

C = 141.9

C = 113.7

C = 207.5

STA 10+50

STA 10+00

STA 9+50

STA 9+00

STA 8+50

STA 8+00

STA 7+50

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TRACED | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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| | AREAS CHECKED | | |

PLATE 3 CROSS SECTION
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SHT. 6 OF 6

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