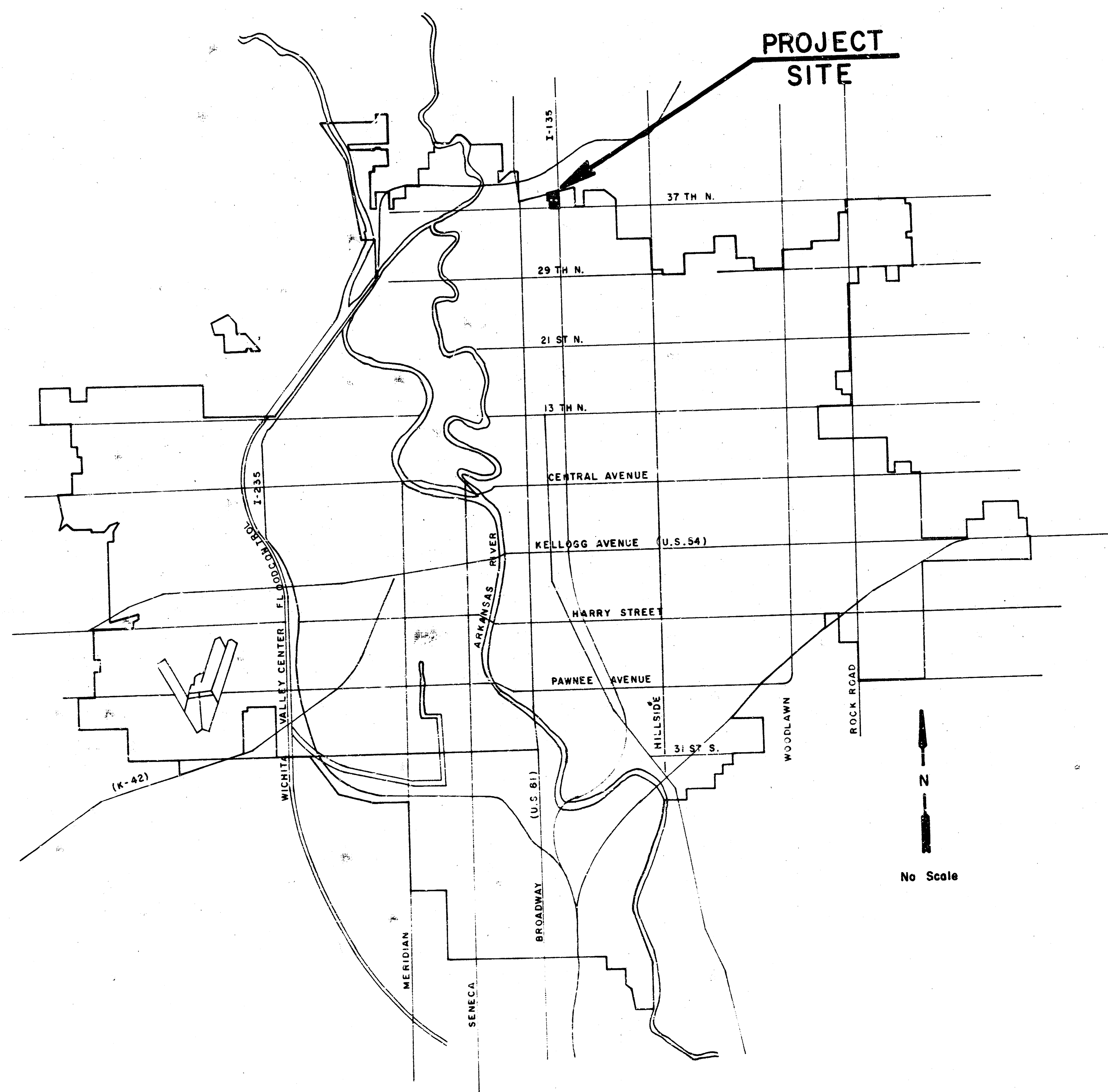


# STORM WATER DRAIN #49

468-76-245-81073-000-000-001

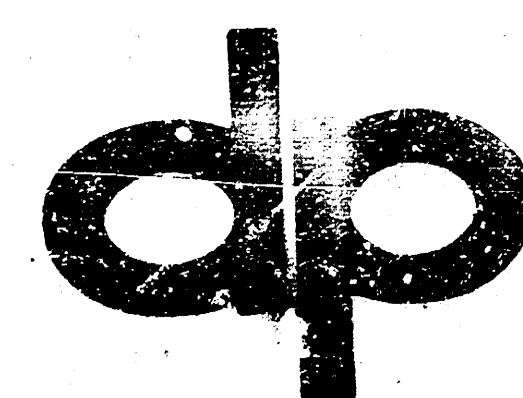
City of Wichita, Kansas

R.W. Bruggeman, Director of Engineering/City Engineer

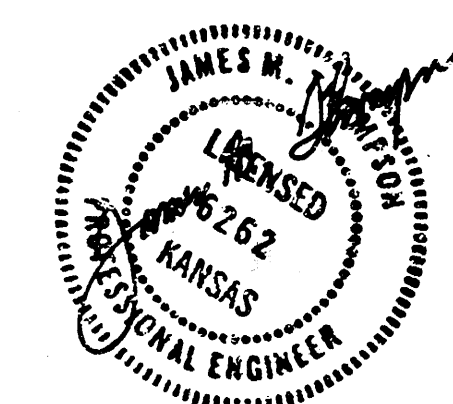


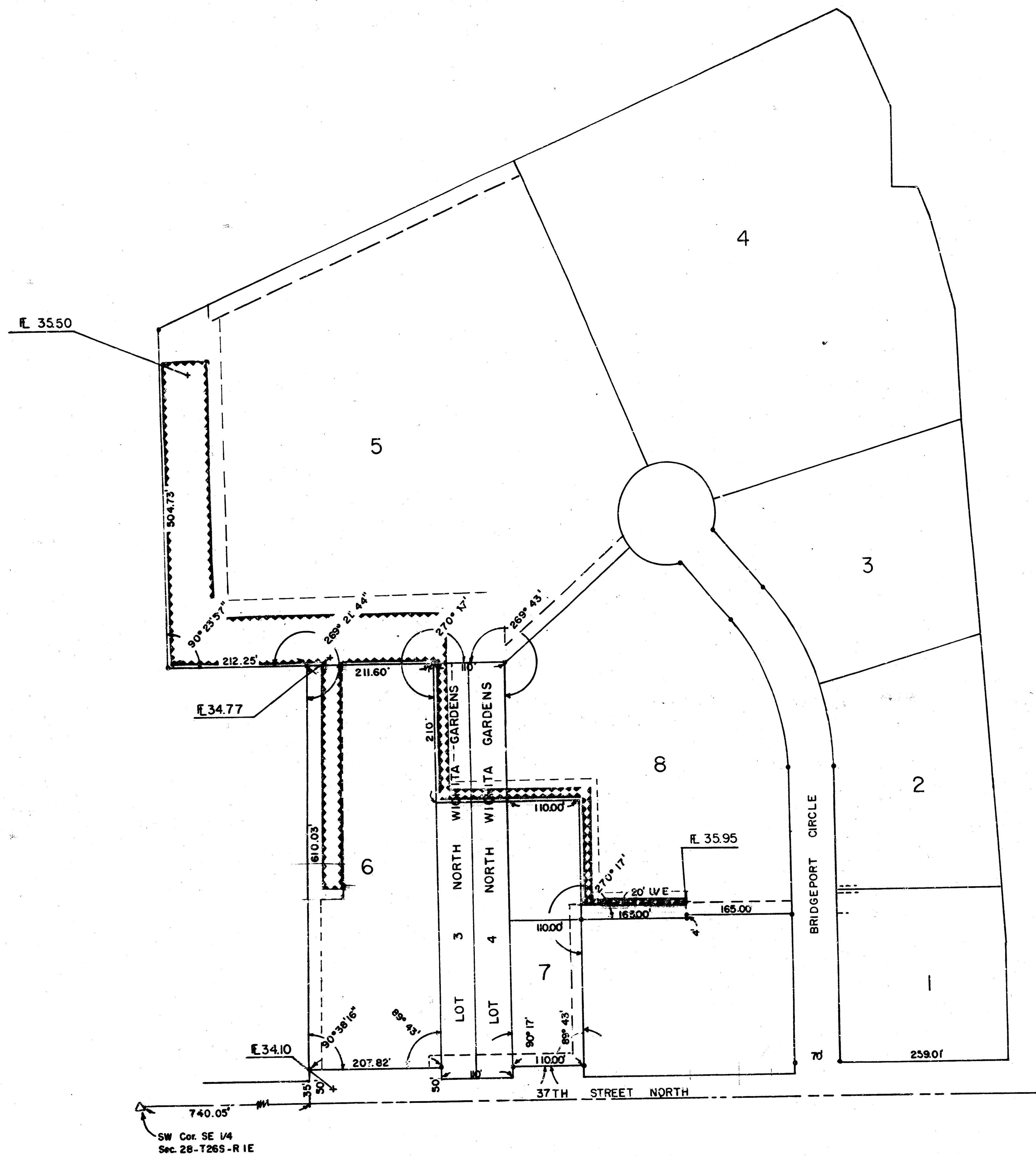
## INDEX TO DRAWINGS

1. Title Sheet
2. General Layout
3. Plan & Profile Sta. 10+00 - 15+00
4. Plan & Profile Sta. 15+00 - 18+00
5. Plan & Profile Sta. 18+00 - 23+00
6. Plan & Profile Sta. 30+00 - 33+00
7. Plan & Profile Sta. 33+00 - 38+00
8. Plan & Profile Sta. 38+00 - 40+46
9. X-Sections
10. X-Sections



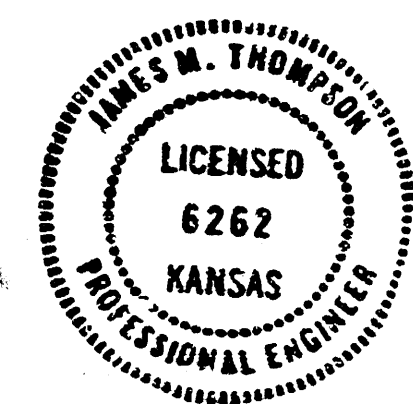
POE & ASSOCIATES OF KANSAS, INC.  
CONSULTING ENGINEERS





#### GENERAL NOTES

1. Any Tree which in the opinion of the Engineer can be saved is to be saved.
2. Cost of removing Entrance as Sta. 10+26 is to be Incidental to the Project.
3. The Contractor shall be responsible for preserving property irons. The contractor shall 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.
4. Excavated material shall be placed on LOT 6 to raise LOT 6 to elevation 138.0 and maintaining positive drainage on all lots with NO ponding of water. All excess excavated material shall be placed on site at the direction of the field engineer.
5. Minimum building pad elevation 138.00 on lots 5, 6, 7, and 8 "BRIDGEPORT II IND. PARK" and lots 3 and 4 "NORTH WICHITA GARDENS".
6. A PORTION OF THE CHANNEl FROM STATION 13 + 25 TO STATION 16 + 60 HAS BEEN PARTIALLY CONSTRUCTED. CONTRACTOR SHOULD PHYSICALLY VERIFY EXISTING CONDITIONS. EARTHWORK QUANTITIES ARE FOR BIDDING PURPOSES ONLY. PAY QUANTITIES WILL BE CALCULATED AT TIME OF FINAL PAYMENT.
7. FIELD ENGINEER TO TAKE CROSS-SECTIONS BEFORE AND AFTER CONSTRUCTION.

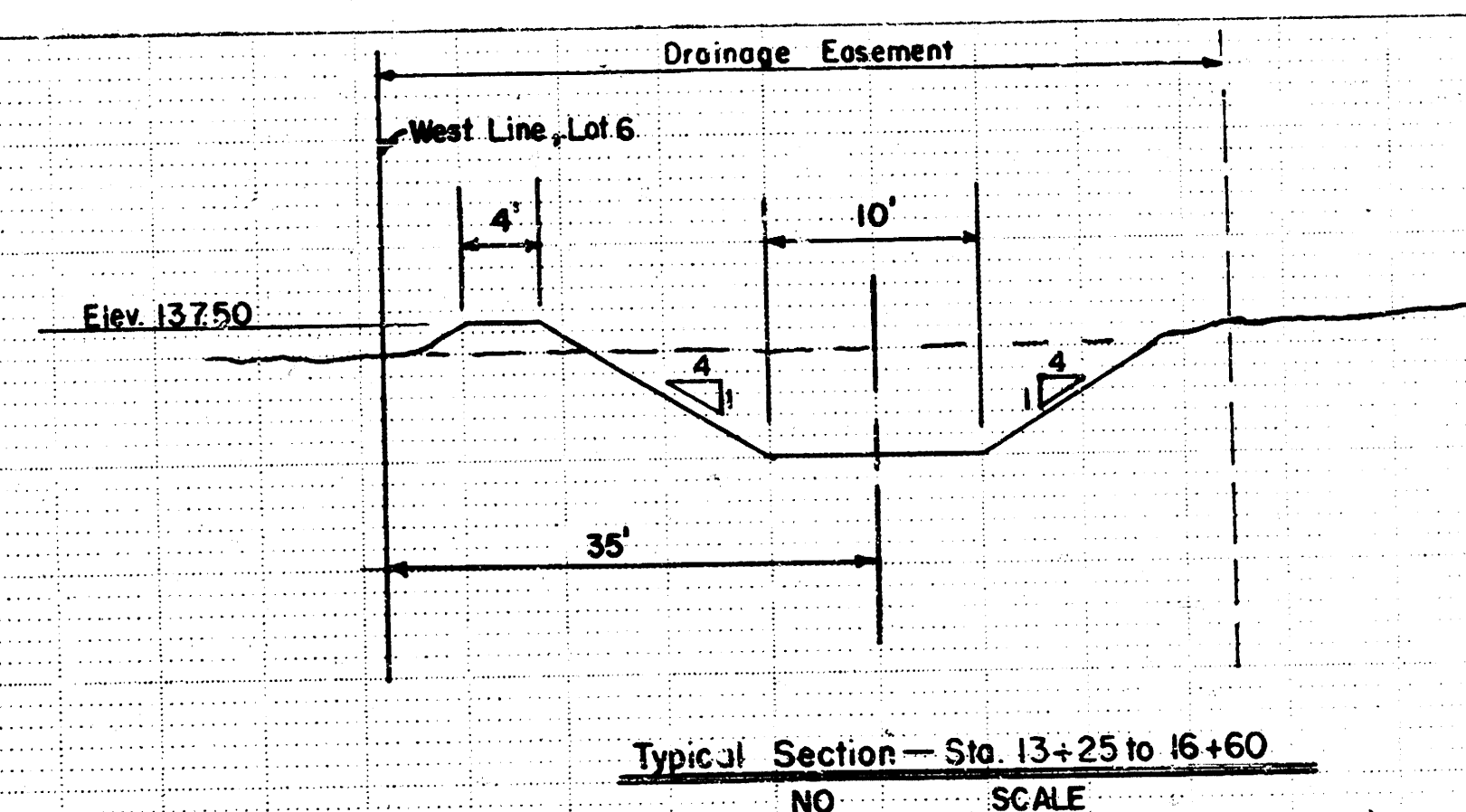
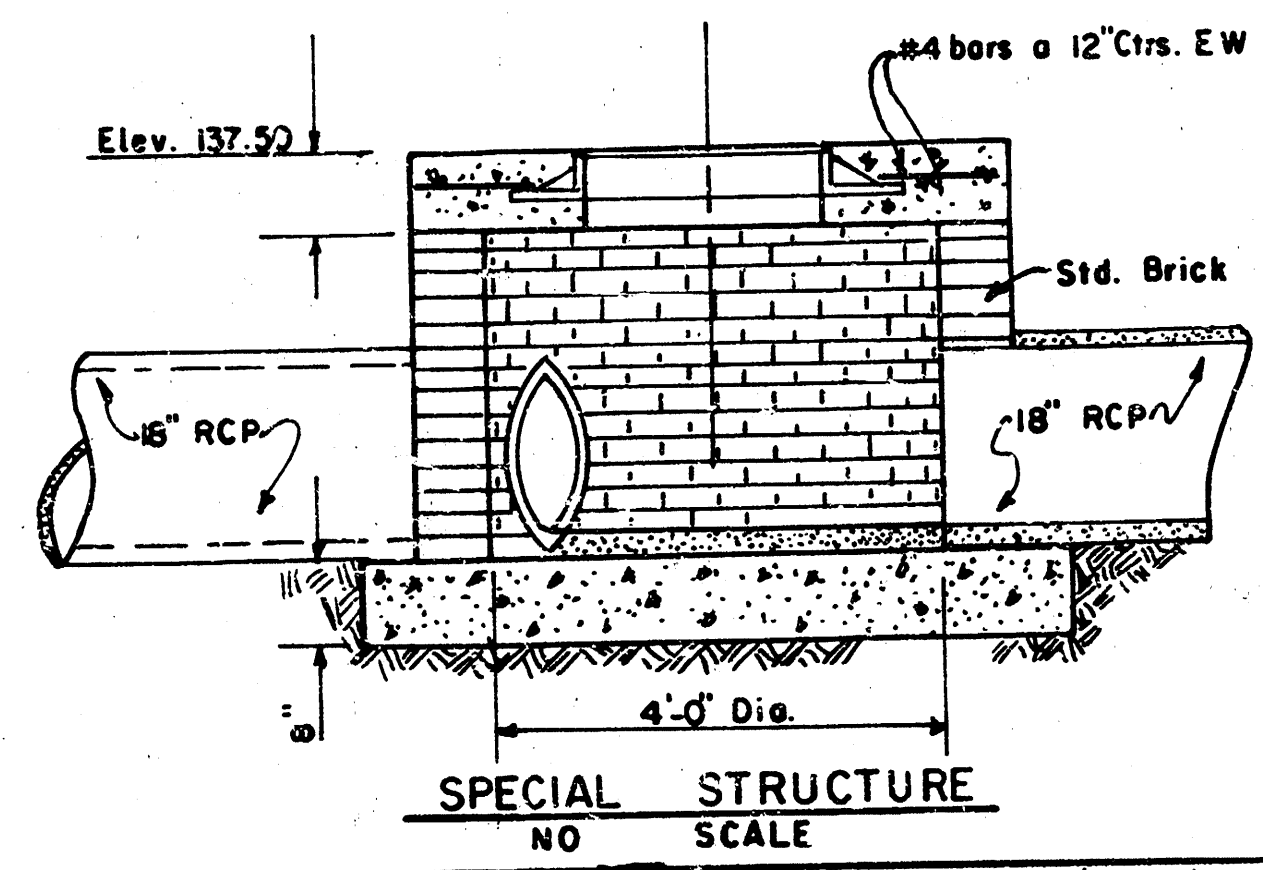
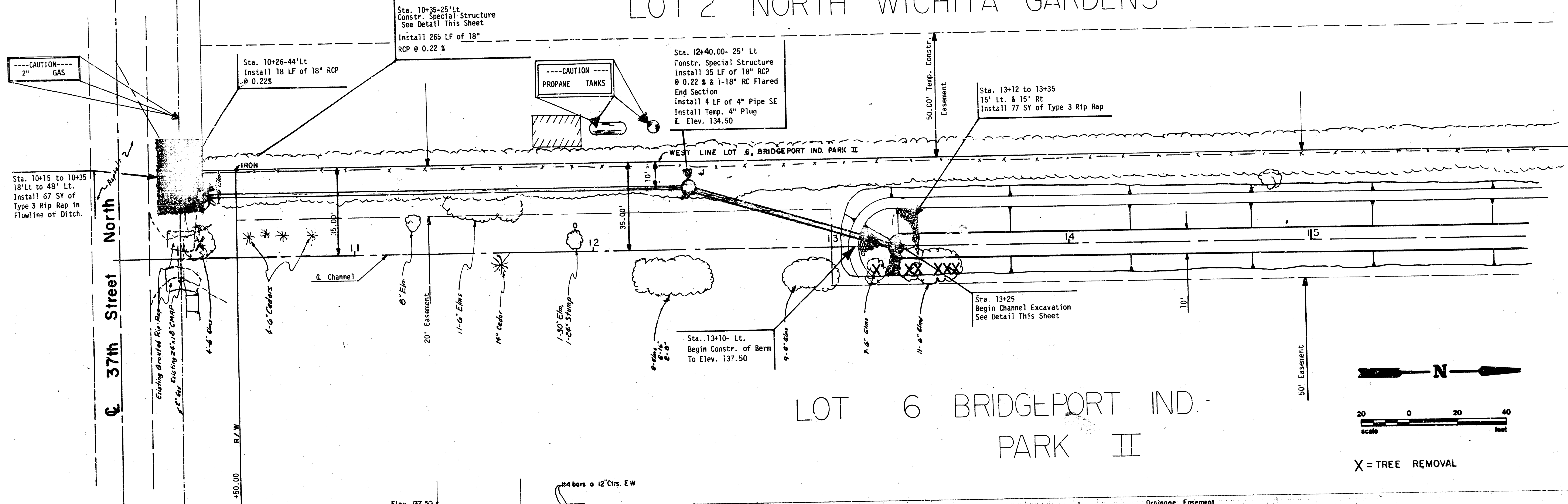


|                      |                      |                |
|----------------------|----------------------|----------------|
|                      | CITY OF WICHITA      |                |
|                      | Dept. of Engineering |                |
|                      | General Layout       |                |
|                      | ENGINEER: JMT        | CHECKED BY: JW |
| POE & ASSOCIATES     | DRAWN BY: JP         | SCALE: NOTED   |
| CONSULTING ENGINEERS | DATE: DEC. 1980      | SHEET 2 OF 10  |

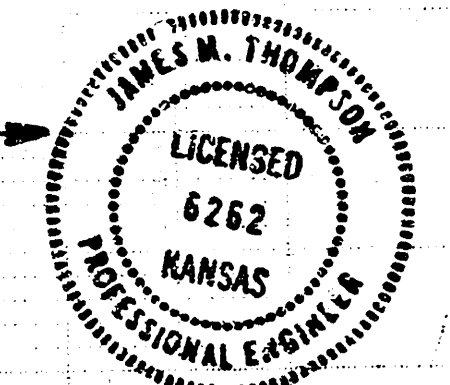
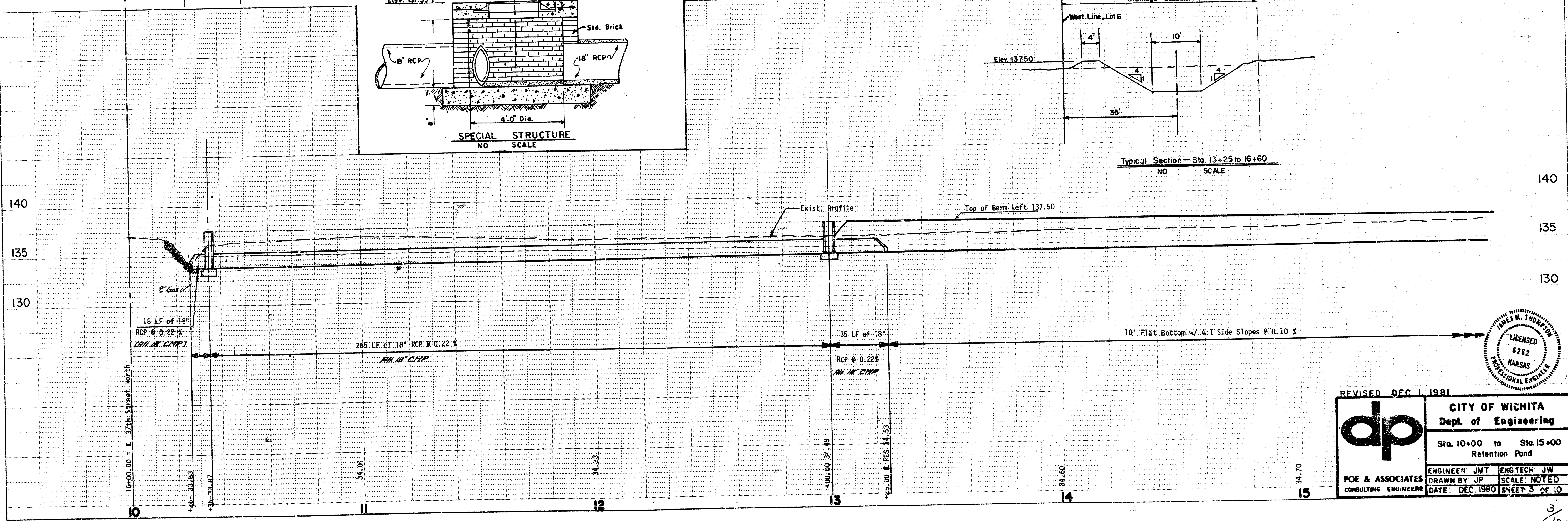
| STATE | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------|-------------|-----------|--------------|
|       |             |           |              |

# LOT 2 NORTH WICHITA GARDENS

| PLAN | DATE |
|------|------|
| BY   |      |
| DATE |      |
| NO.  |      |



| PROFILE | DATE |
|---------|------|
| BY      |      |
| DATE    |      |
| NO.     |      |



REVISED DEC. 1, 1981

**dp**

**CITY OF WICHITA**  
Dept. of Engineering

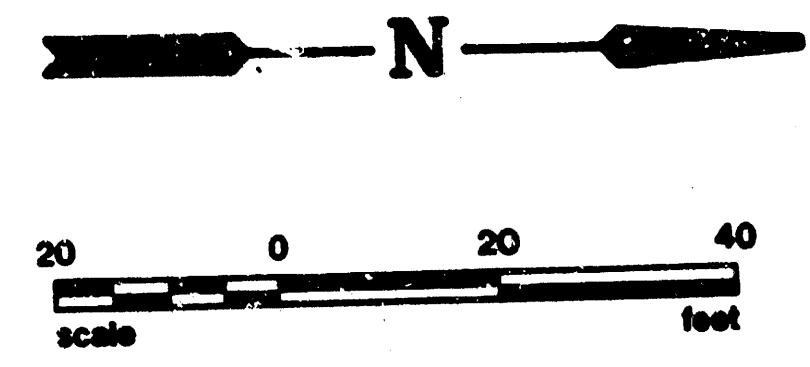
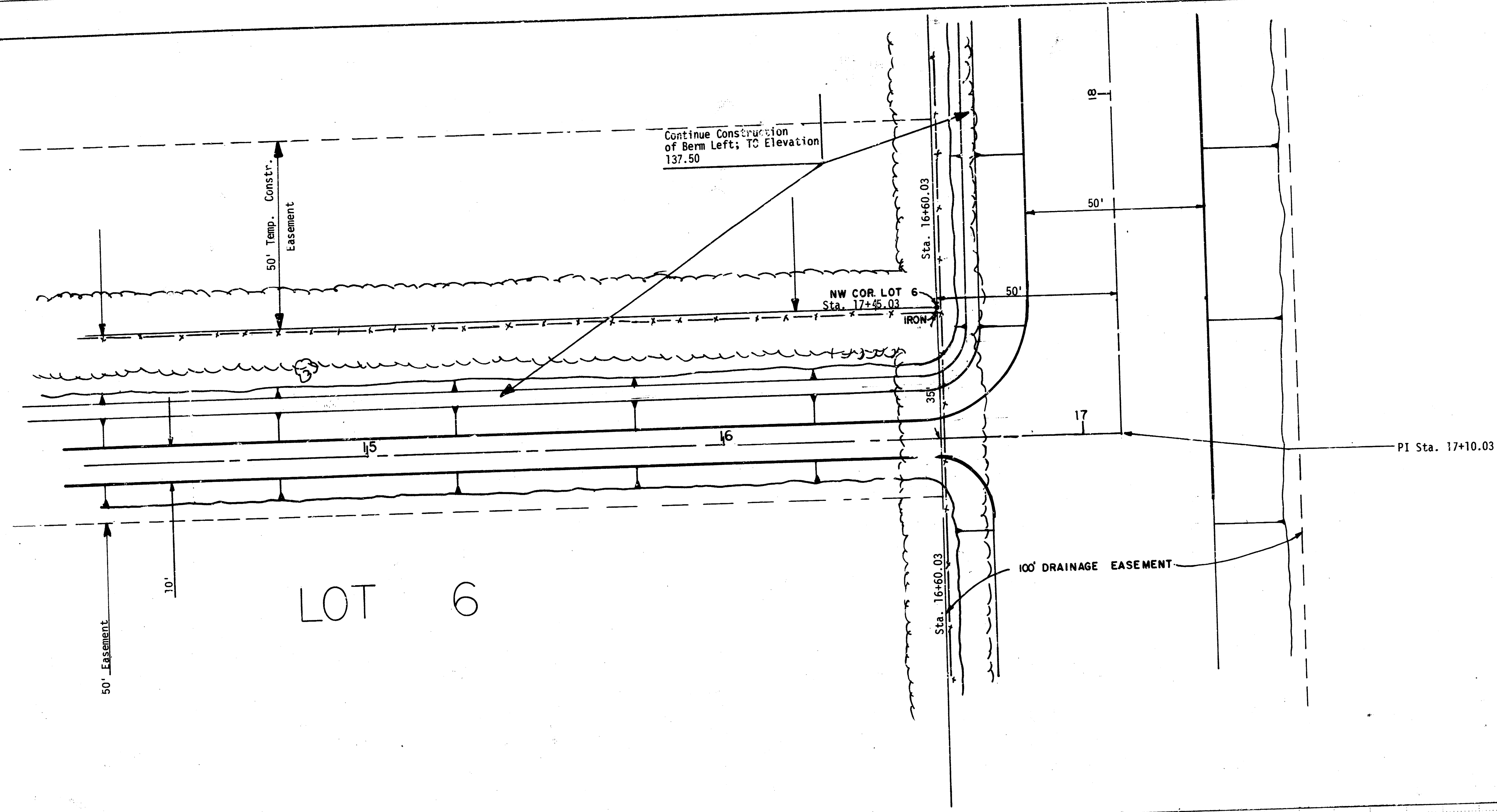
Sra. 10+00 to Sta. 15+00  
Retention Pond

ENGINEER: JMT    ENGTECH: JW  
DRAWN BY: JP    SCALE: NOTED  
DATE: DEC. 1980    SHEET 3 OF 10

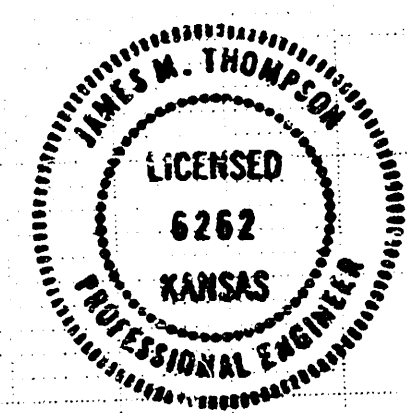
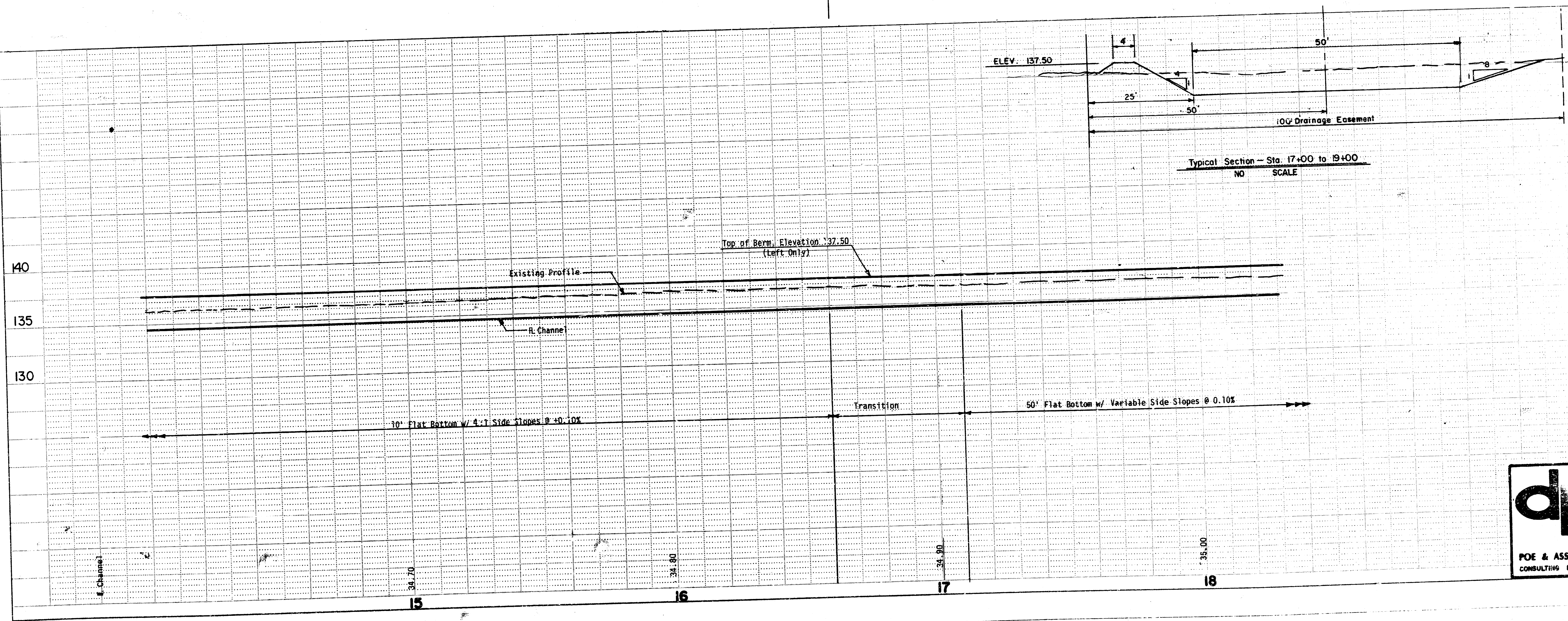
POE & ASSOCIATES  
CONSULTING ENGINEERS

| STATE | FISCAL YEAR | SHEET NO | TOTAL SHEETS |
|-------|-------------|----------|--------------|
|       |             |          |              |

|           |                         |      |
|-----------|-------------------------|------|
| PLAN      | SUBMITTED               | DATE |
|           | NOTED                   | BY   |
| NOTE BOOK | GRADES CHECKED          |      |
|           | STRUCTURE NOTATION CHKD |      |



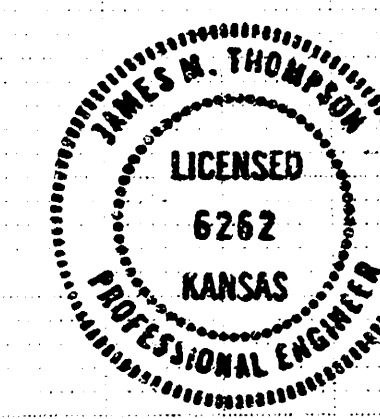
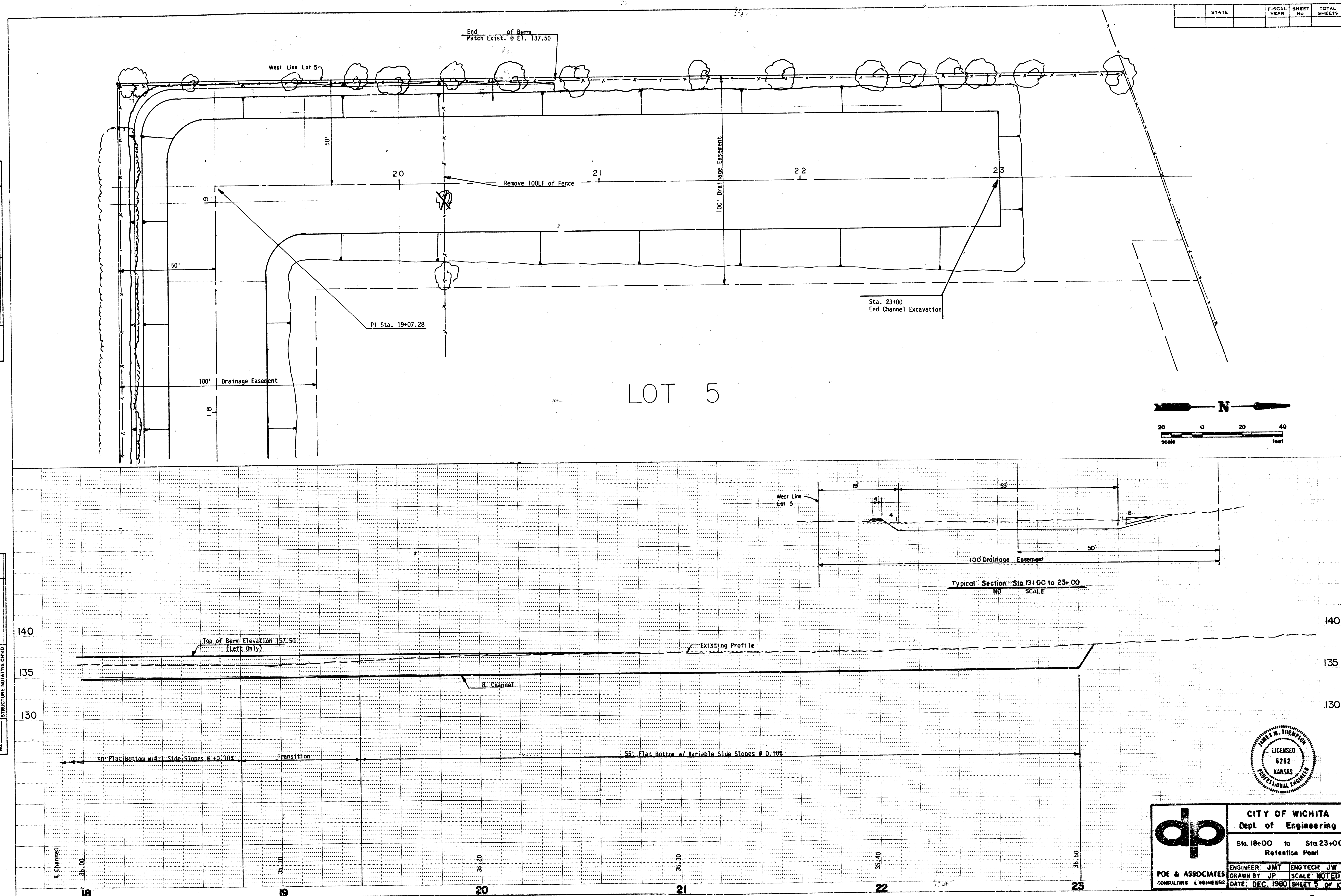
|           |                         |      |
|-----------|-------------------------|------|
| PROFILE   | SUBMITTED               | DATE |
|           | NOTED                   | BY   |
| NOTE BOOK | GRADES CHECKED          |      |
|           | STRUCTURE NOTATION CHKD |      |



|                                          |                          |               |
|------------------------------------------|--------------------------|---------------|
| dp                                       | CITY OF WICHITA          |               |
|                                          | Dept. of Engineering     |               |
|                                          | Sta. 15+00 to Sta. 18+00 |               |
|                                          | Retention Pond           |               |
| POE & ASSOCIATES<br>CONSULTING ENGINEERS | ENGINEER JMT             | ENGTECH JW    |
|                                          | DRAWN BY JP              | SCALE: NOTED  |
| DATE: DEC. 1980                          |                          | SHEET 4 of 10 |

|      |           |      |
|------|-----------|------|
| PLAN | SURVEYED  | DATE |
|      | ALIGNED   | BY   |
|      | NOTE BOOK |      |
|      | NO.       |      |

|         |           |      |
|---------|-----------|------|
| PROFILE | SURVEYED  | DATE |
|         | ALIGNED   | BY   |
|         | NOTE BOOK |      |
|         | NO.       |      |



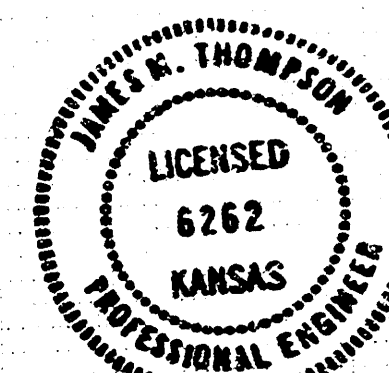
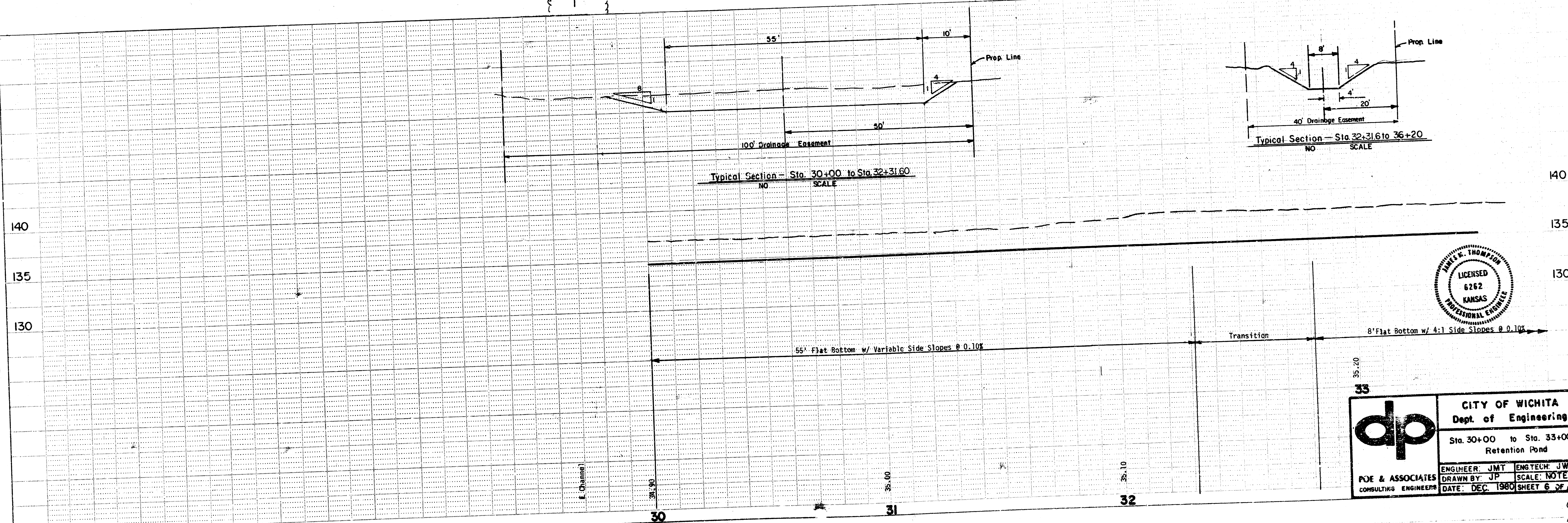
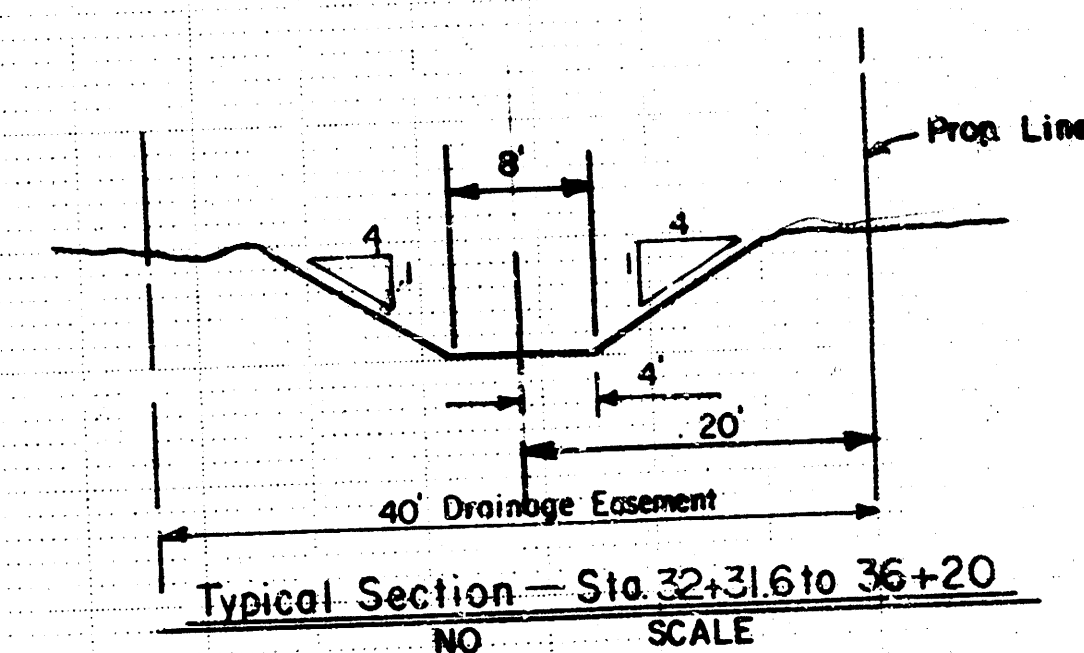
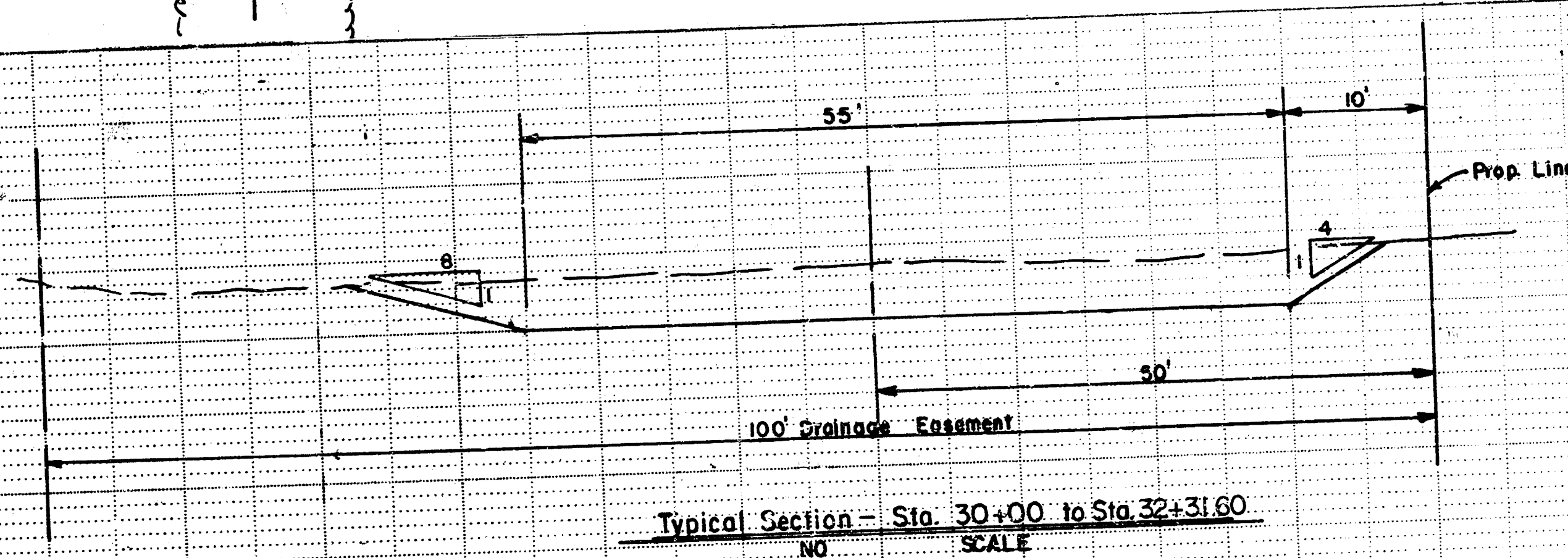
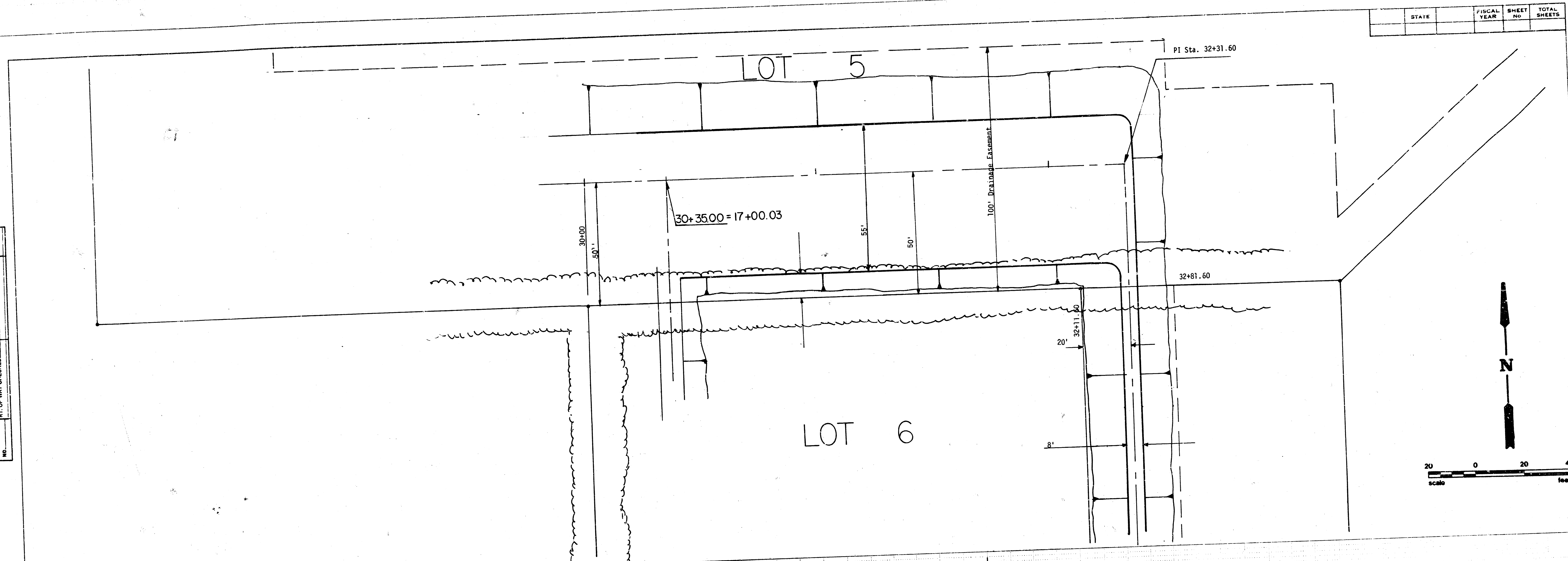
|                 |                          |
|-----------------|--------------------------|
| <b>dp</b>       | CITY OF WICHITA          |
|                 | Dept. of Engineering     |
|                 | Sta. 18+00 to Sta. 23+00 |
|                 | Retention Pond           |
| ENGINEER: JMT   | ENG. TECH: JW            |
| DRAWN BY: JP    | SCALE: NOTED             |
| DATE: DEC. 1980 | SHEET 5 OF 10            |

5/10

|      |    |      |          |         |         |                    |
|------|----|------|----------|---------|---------|--------------------|
| PLAN | BY | DATE | SURVEYED | PLOTTED | CHECKED | RT. OF WAY CHECKED |
|      |    |      |          |         |         |                    |
| NO.  |    |      |          |         |         |                    |

|         |    |      |          |         |         |                         |
|---------|----|------|----------|---------|---------|-------------------------|
| PROFILE | BY | DATE | SURVEYED | PLOTTED | CHECKED | STRUCTURE NOTATION CHKD |
|         |    |      |          |         |         |                         |
| NO.     |    |      |          |         |         |                         |

| STATE | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------|-------------|-----------|--------------|
|       |             |           |              |

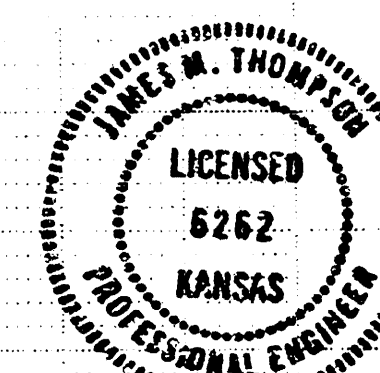
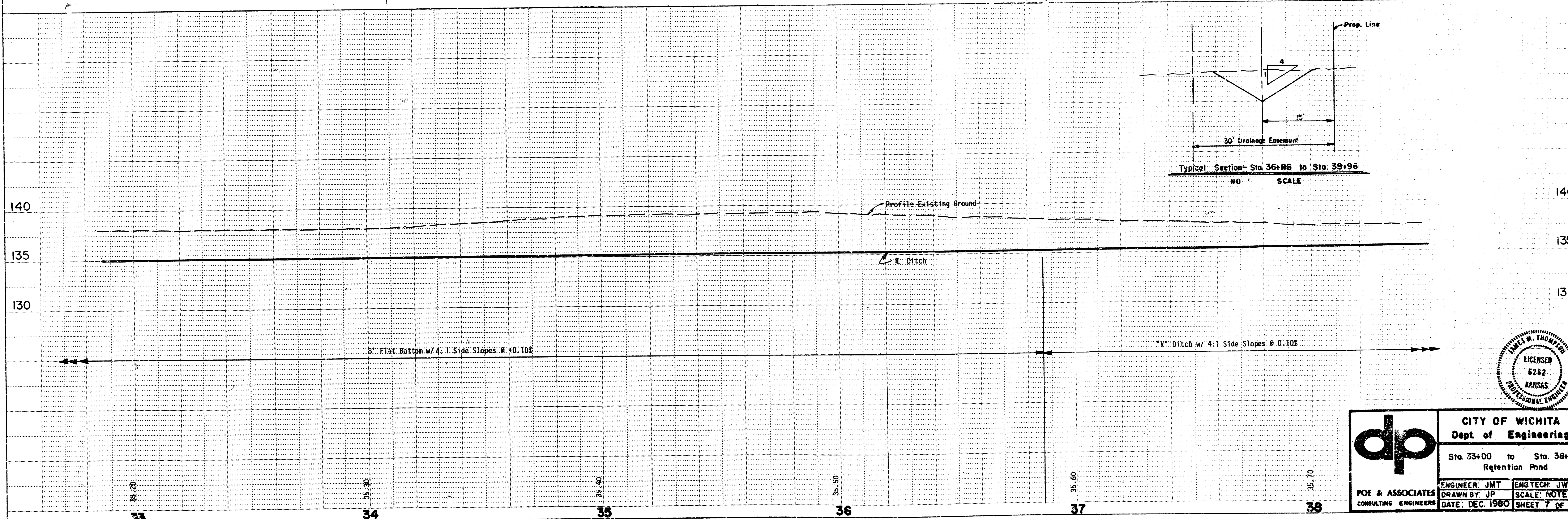
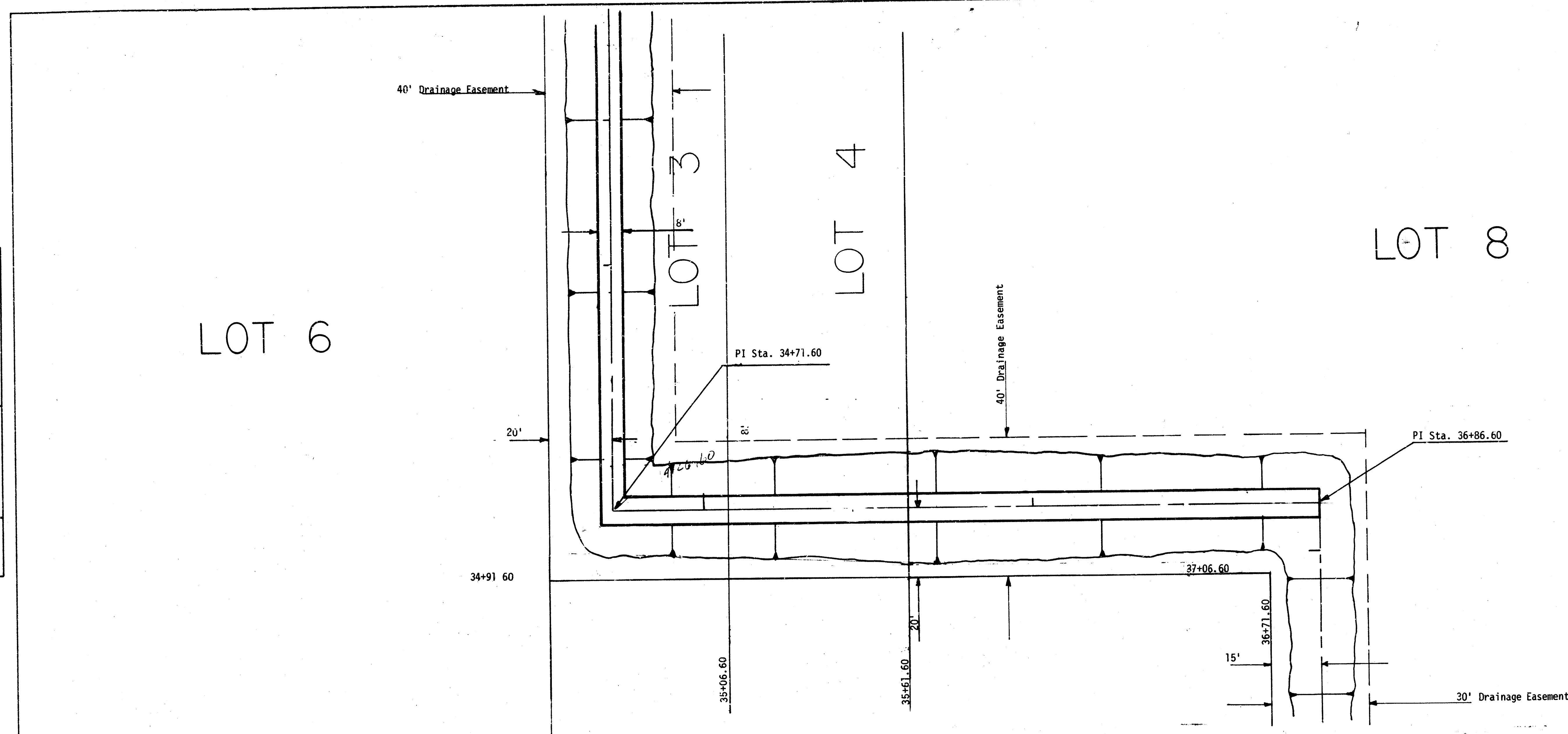


|                 |                          |  |
|-----------------|--------------------------|--|
| <b>dp</b>       | CITY OF WICHITA          |  |
|                 | Dept. of Engineering     |  |
|                 | Sta. 30+00 to Sta. 33+00 |  |
|                 | Retention Pond           |  |
| ENGINEER: JMT   | ENG. TECH: JW            |  |
| DRAWN BY: JP    | SCALE: NOTED             |  |
| DATE: DEC. 1980 | SHEET 6 OF 10            |  |

|           |                    |    |
|-----------|--------------------|----|
| PLAN      | DATE               | BY |
|           | SURVEYED           |    |
|           | ALIGNED CHECKED    |    |
|           | RT. OF WAY CHECKED |    |
| NOTE BOOK |                    |    |
| NO.       |                    |    |

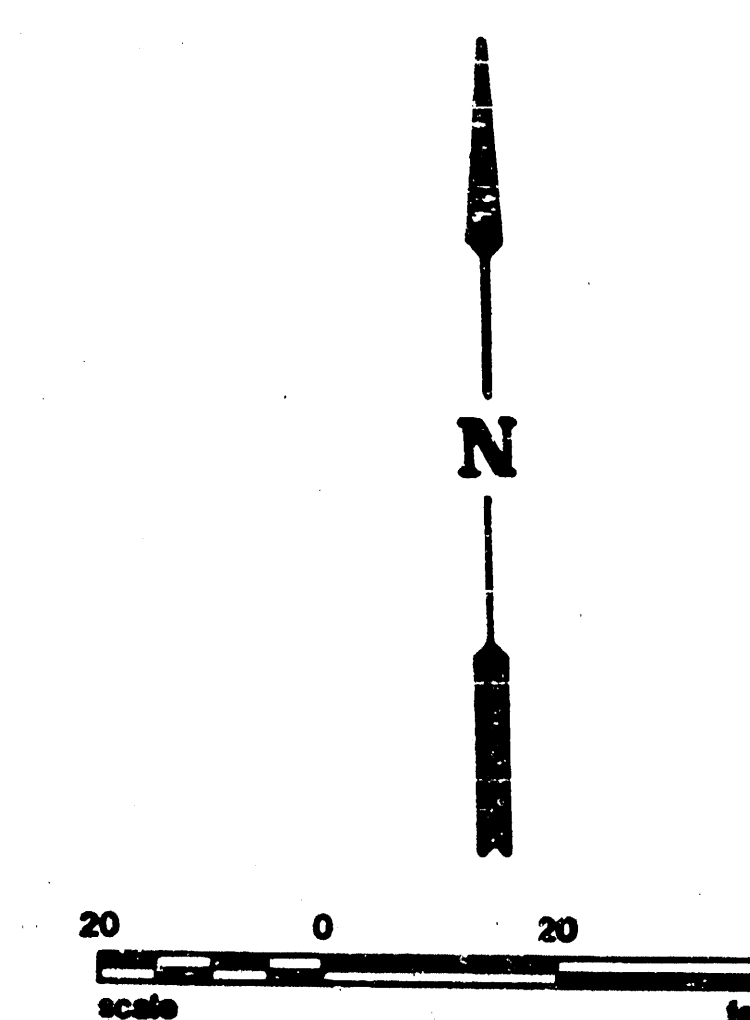
|           |                          |    |
|-----------|--------------------------|----|
| PROFILE   | DATE                     | BY |
|           | SURVEYED                 |    |
|           | PLOTTED                  |    |
|           | STRUCTURE NOTATIONS CHKD |    |
| NOTE BOOK |                          |    |
| NO.       |                          |    |

| STATE | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------|-------------|-----------|--------------|
|       |             |           |              |

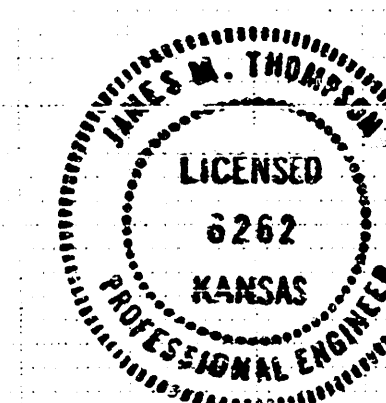


|                 |                          |  |
|-----------------|--------------------------|--|
| dp              | CITY OF WICHITA          |  |
|                 | Dept. of Engineering     |  |
|                 | Sta. 33+00 to Sta. 38+00 |  |
|                 | Retention Pond           |  |
| ENGINEER: JMT   | ENGINEER: JMT            |  |
| DRAWN BY: JP    | SCALE: NOTED             |  |
| DATE: DEC. 1980 | SHEET 7 OF 10            |  |

| PLAN               | BY   |  | DATE |
|--------------------|------|--|------|
| SURVEYED           | DATE |  |      |
| PLOTTED            | DATE |  |      |
| ALIGNMENT CHECKED  | DATE |  |      |
| RT. OF WAY CHECKED | DATE |  |      |



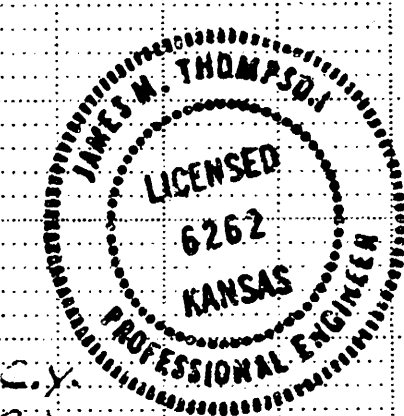
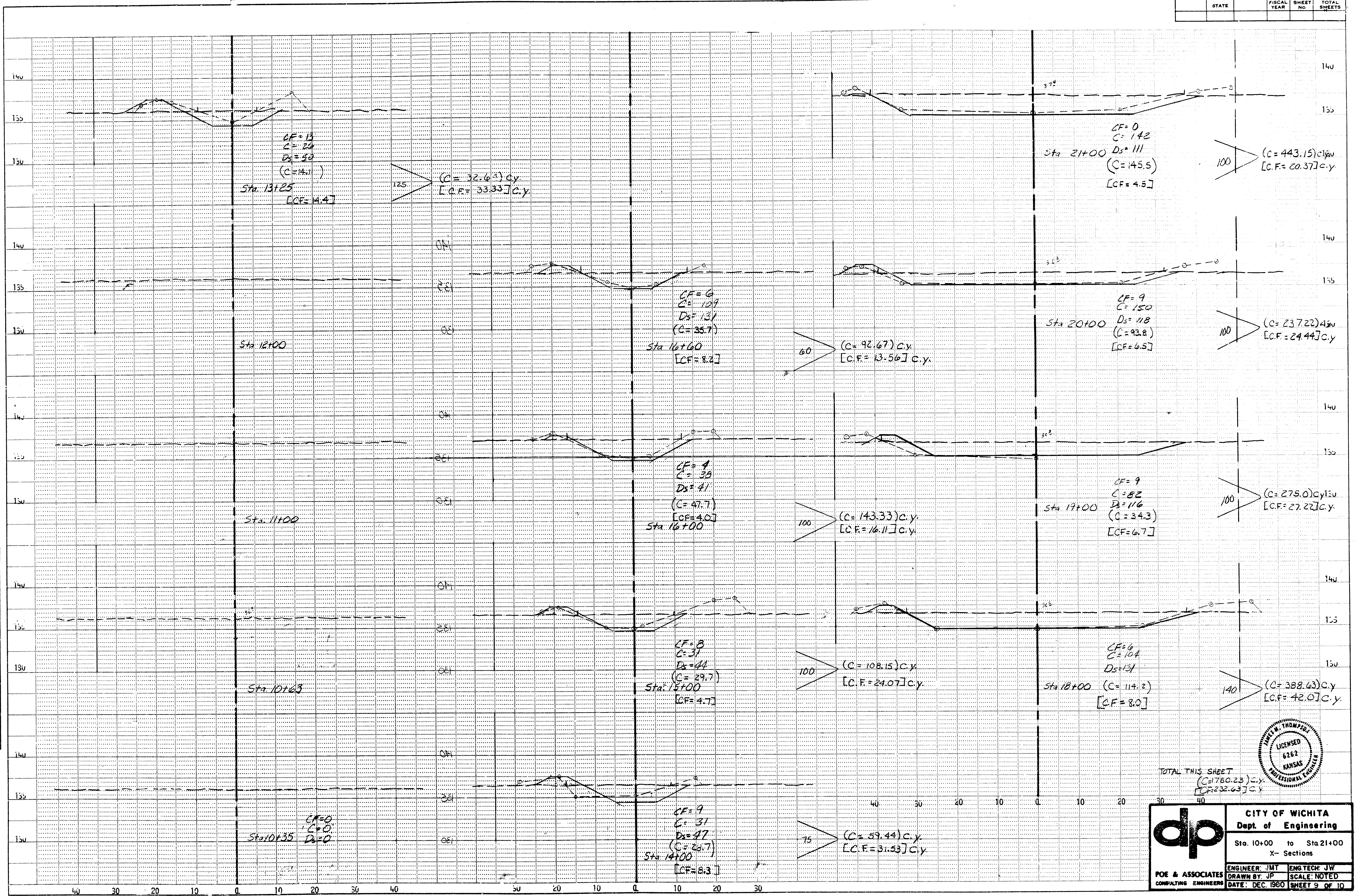
|           |                |  |    |      |
|-----------|----------------|--|----|------|
| PROFILE   | SURVEYED       |  | BY | DATE |
|           | PLOTTED        |  |    |      |
|           | GRADES CHECKED |  |    |      |
|           | B. M. * NOTED  |  |    |      |
| NOTE BOOK |                |  |    |      |



| STATE | FISCAL YEAR | SHEET NO | TOTAL SHEETS |
|-------|-------------|----------|--------------|
|       |             |          |              |

|         |                    |      |
|---------|--------------------|------|
| PLAN    | SURVEYED           | DATE |
|         | PLANNED            | BY   |
| PROFILE | PLANNED            | DATE |
|         | STRUCTURE NOTATION | BY   |

|         |                    |      |
|---------|--------------------|------|
| PROFILE | SURVEYED           | DATE |
|         | PLANNED            | BY   |
| PROFILE | PLANNED            | DATE |
|         | STRUCTURE NOTATION | BY   |



TOTAL THIS SHEET  
 $(C=780.23)$  c.y.  
 $[CF=232.63]$  c.y.

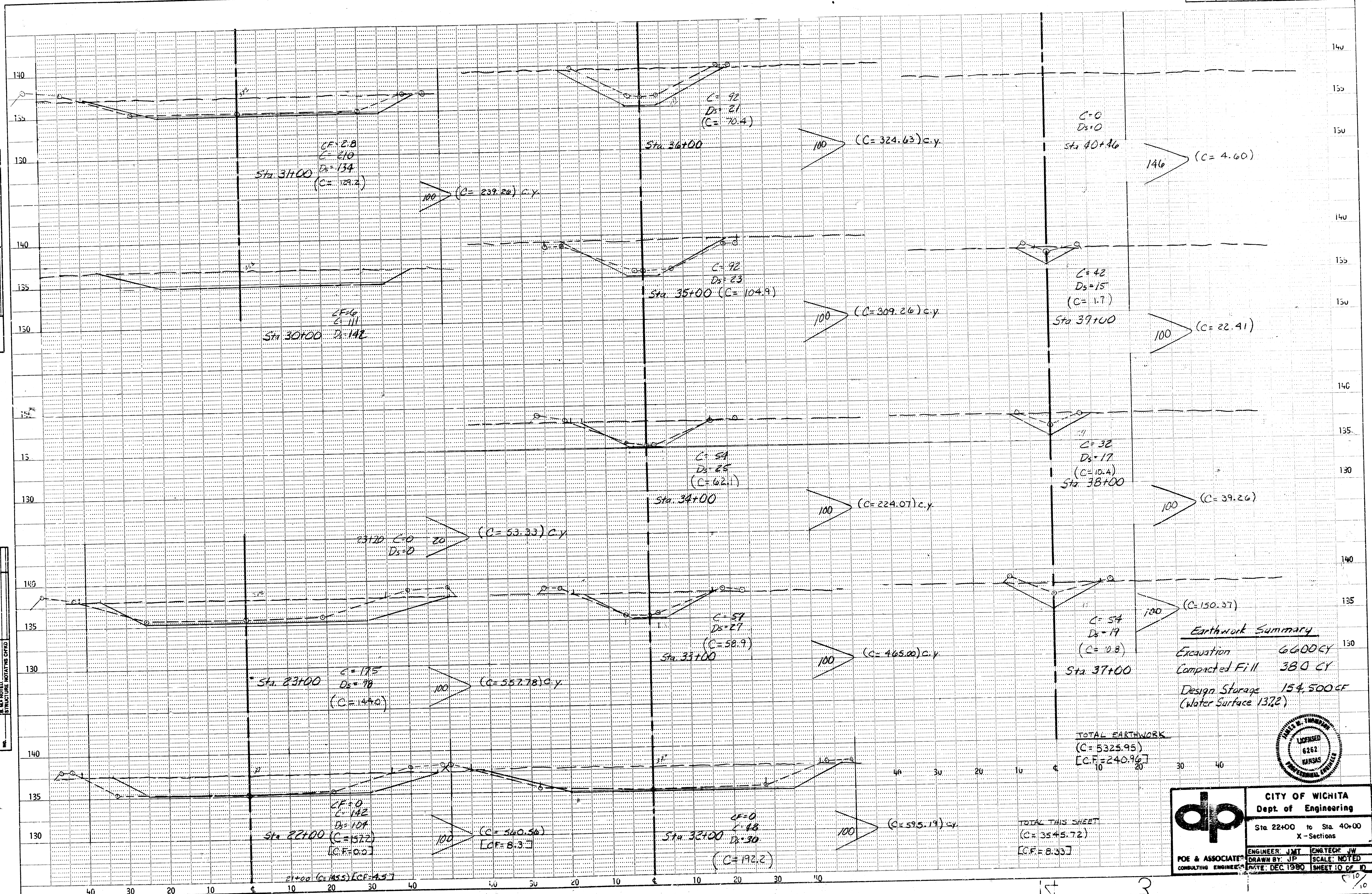
|                 |                         |  |
|-----------------|-------------------------|--|
|                 | CITY OF WICHITA         |  |
|                 | Dept. of Engineering    |  |
|                 | Sta. 10+00 to Sta 21+00 |  |
|                 | X-Sections              |  |
| ENGINEER: JMT   | ENGINEER: JMW           |  |
| DRAWN BY: JP    | SCALE: NOTED            |  |
| DATE: DEC. 1950 | SHEET 9 OF 10           |  |

FIL MED FROM THE BEST

| STATE | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------|-------------|-----------|--------------|
|       |             |           |              |

| PLAN               | DATE |
|--------------------|------|
| DESIGNED BY        |      |
| ALIGNED CHECKED BY |      |
| NOTE BOOK NO.      |      |

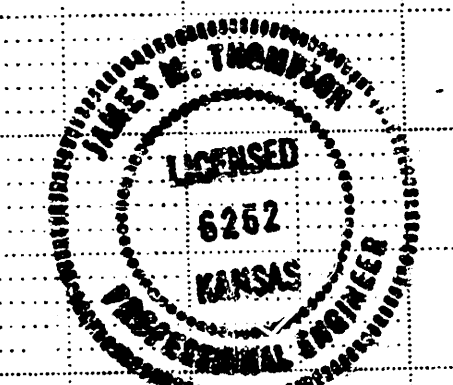
| PROFILE            | DATE |
|--------------------|------|
| DESIGNED BY        |      |
| ALIGNED CHECKED BY |      |
| NOTE BOOK NO.      |      |

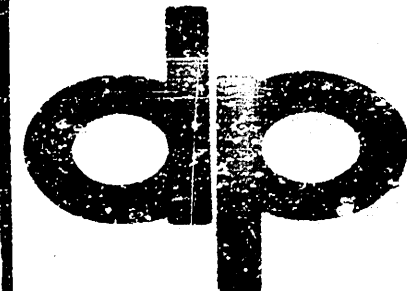


| Earthwork Summary     |              |
|-----------------------|--------------|
| Excavation            | 6600 c.y.    |
| Compacted Fill        | 380 c.y.     |
| Design Storage        | 154,500 c.f. |
| (Water Surface 137.2) |              |

TOTAL EARTHWORK  
 $(C=5325.95)$   
 $[C.F.=240.96]$

TOTAL THIS SHEET  
 $(C=3545.72)$   
 $[C.F.=8.33]$





**CITY OF WICHITA**  
 Dept. of Engineering  
 Sta 22+00 to Sta 40+00  
 X-Sections

ENGINEER: JMT  
 DRAWN BY: JP  
 DATE: DEC 1980

ENGINEER: JMT  
 SCALE: NOTED  
 SHEET 10 OF 10