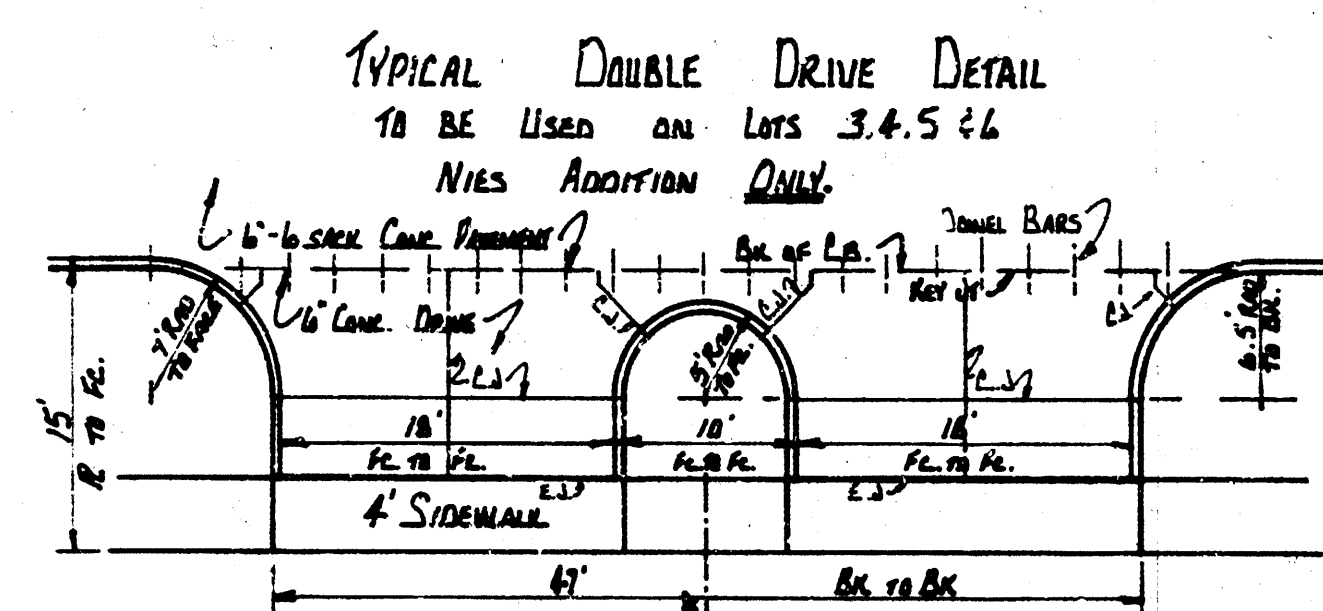
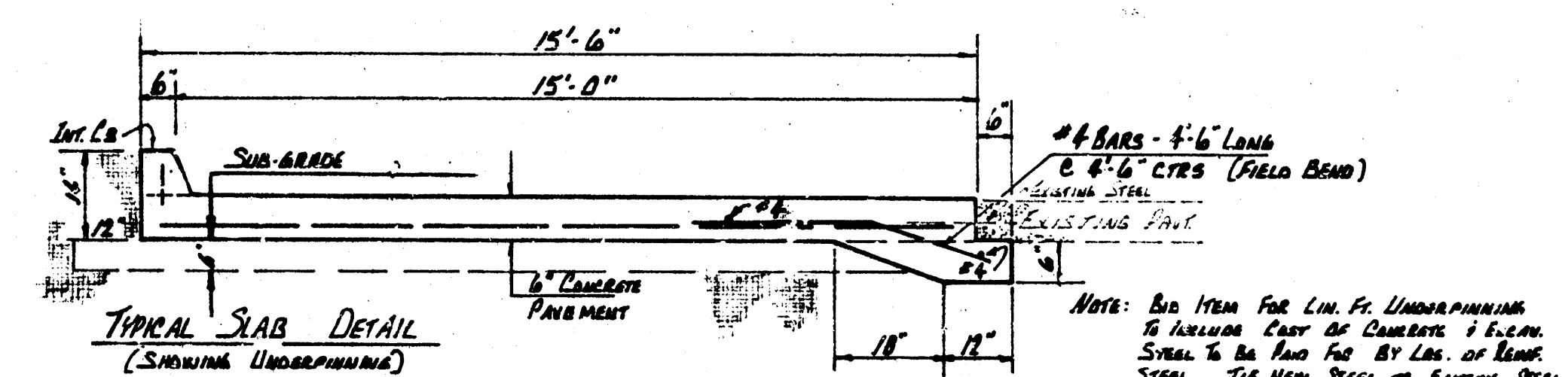


Survey: Know  
Plan: Design  
Elev. Notes  
Checked

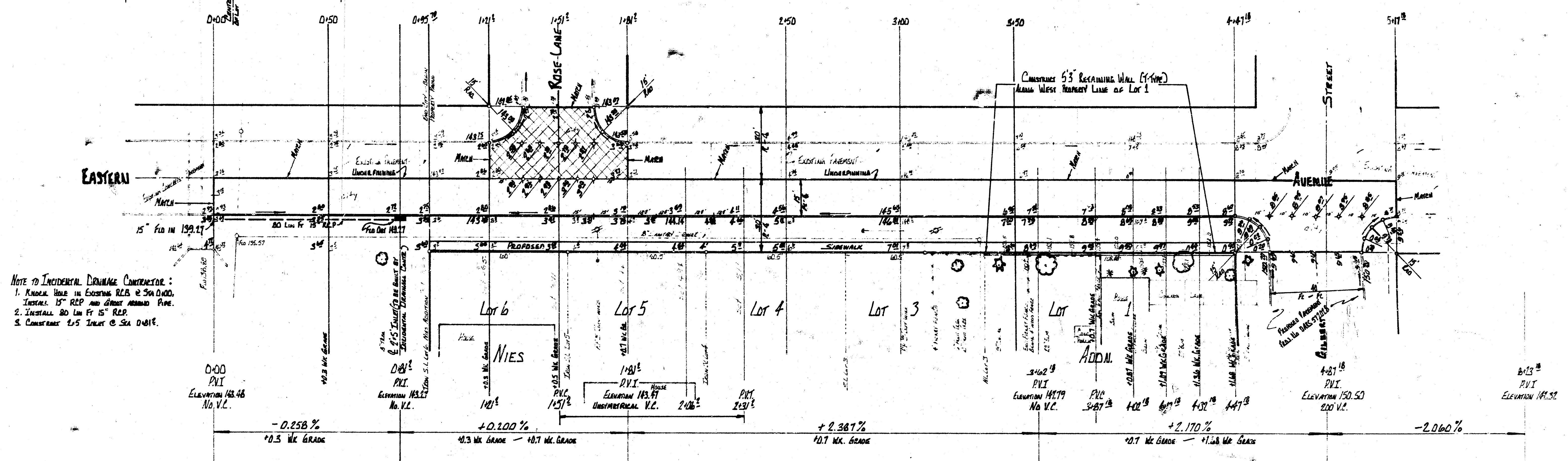


BM 148.94 "A" IN GLOBE S-END RET. S.W. COR. GILBERT & EASTERN (2 1/2 W. of S. END)  
BM 143.11 "B" IN GLOBE WIL. EASTERN N.E. COR. ROSE LANE 1955

Scale 1"=40'



**NOTE TO INCIDENTAL DRAINAGE CONTRACTOR:**  
1. KNOCK HOLE IN EXISTING R.E.B. @ Sta 0+00.  
INSTALL 15" R.E.P. AND GROUT AROUND PIPE.  
2. INSTALL 20" DIA. 15" R.E.P.  
3. CONSTRUCT 4" x 5" INLET @ Sta 0+01.



| EXCAVATION                       |            | CONCRETE   |            | FILL     |          |
|----------------------------------|------------|------------|------------|----------|----------|
| PROPERTY                         | EST.       | PROPERTY   | EST.       | PROPERTY | EST.     |
| 47.1 CUBS                        | 198.2 CUBS | 0.3 CUBS   | 0.7 CUBS   | 0.1 CUBS | 0.1 CUBS |
| 41.7 YDS                         | 18.9 YDS   | 0.3 YDS    | 0.7 YDS    | 0.1 YDS  | 0.1 YDS  |
| 51.3 YDS                         | 20.1 YDS   | 0.3 YDS    | 0.7 YDS    | 0.1 YDS  | 0.1 YDS  |
| CONCRETE & LIME TREATED SUBGRADE |            | 610 SQ YDS | 360 SQ YDS |          |          |

- GENERAL NOTES**
1. TYPE OF SUBGRADE TREATMENT SHALL BE AS DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION, OR ANY COMBINATION OF THESE.
  2. CONSTRUCTION TO CLEAR AND GRADE FOR PROPOSED SIDEWALK, SIDEWALK TO BE BUILT BY OTHERS.

**EAST 1/2 EASTERN AVENUE**  
95.7' S OF S. NIES ADDN - N.E. GILBERT ST.  
15' CONCRETE CURB  
R.W. LINN CITY ENGINEER  
CITY OF WICHITA, KANSAS  
PROJECT NO. DAKS512216 DATE: APRIL 1973

Concrete for Footing & Retaining Construction  
Jointed at 20' Intervals Discontinues  
Reinforced Steel in L & T-Type Walls

**GRAVITY TYPE**  
(Concrete)

| h     | d   | Weight (lb/lin ft) |
|-------|-----|--------------------|
| 1'-0" | 12" | 101                |
| 1'-6" | 12" | 126                |
| 2'-0" | 12" | 151                |
| 2'-6" | 12" | 176                |
| 3'-0" | 12" | 201                |
| 3'-6" | 12" | 226                |
| 4'-0" | 12" | 251                |
| 4'-6" | 12" | 276                |
| 5'-0" | 12" | 301                |
| 5'-6" | 12" | 326                |

**L-TYPE WALLS**  
(Reinforced Concrete)

| h     | d   | Weight (lb/lin ft) |
|-------|-----|--------------------|
| 1'-0" | 12" | 101                |
| 1'-6" | 12" | 126                |
| 2'-0" | 12" | 151                |
| 2'-6" | 12" | 176                |
| 3'-0" | 12" | 201                |
| 3'-6" | 12" | 226                |
| 4'-0" | 12" | 251                |
| 4'-6" | 12" | 276                |
| 5'-0" | 12" | 301                |
| 5'-6" | 12" | 326                |

**T-TYPE WALL**  
(Reinforced Concrete)

| h     | d   | Weight (lb/lin ft) |
|-------|-----|--------------------|
| 1'-0" | 12" | 101                |
| 1'-6" | 12" | 126                |
| 2'-0" | 12" | 151                |
| 2'-6" | 12" | 176                |
| 3'-0" | 12" | 201                |
| 3'-6" | 12" | 226                |
| 4'-0" | 12" | 251                |
| 4'-6" | 12" | 276                |
| 5'-0" | 12" | 301                |
| 5'-6" | 12" | 326                |

**REINFORCING SCHEDULE - L-TYPE RETAINING WALLS**

| h     | d   | Bar | Spacing | Remarks    |
|-------|-----|-----|---------|------------|
| 1'-0" | 12" | #4  | 12"     | Continuous |
| 1'-6" | 12" | #4  | 12"     | Continuous |
| 2'-0" | 12" | #4  | 12"     | Continuous |
| 2'-6" | 12" | #4  | 12"     | Continuous |
| 3'-0" | 12" | #4  | 12"     | Continuous |
| 3'-6" | 12" | #4  | 12"     | Continuous |
| 4'-0" | 12" | #4  | 12"     | Continuous |
| 4'-6" | 12" | #4  | 12"     | Continuous |
| 5'-0" | 12" | #4  | 12"     | Continuous |
| 5'-6" | 12" | #4  | 12"     | Continuous |

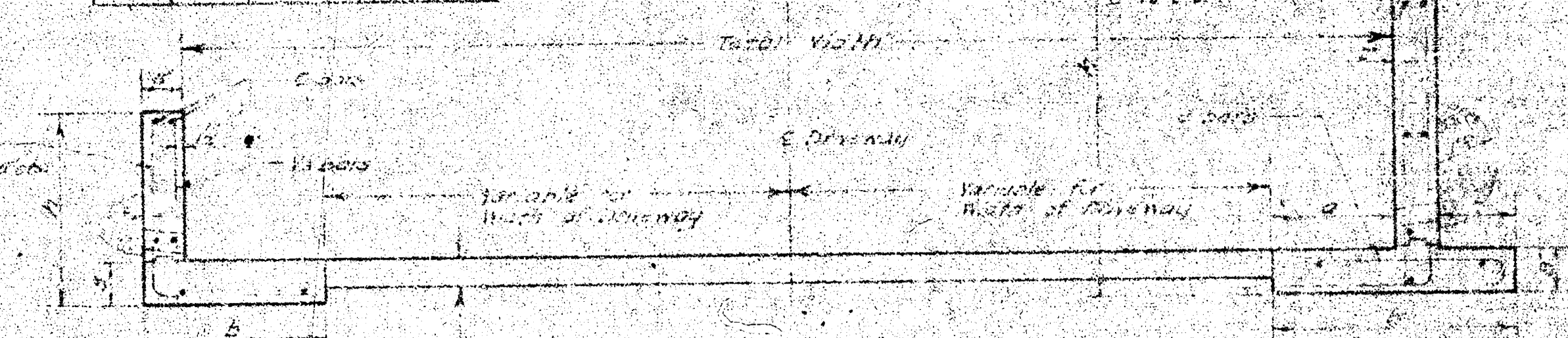
**T-TYPE RETAINING WALL**

| h     | d   | Bar | Spacing | Remarks    |
|-------|-----|-----|---------|------------|
| 1'-0" | 12" | #4  | 12"     | Continuous |
| 1'-6" | 12" | #4  | 12"     | Continuous |
| 2'-0" | 12" | #4  | 12"     | Continuous |
| 2'-6" | 12" | #4  | 12"     | Continuous |
| 3'-0" | 12" | #4  | 12"     | Continuous |
| 3'-6" | 12" | #4  | 12"     | Continuous |
| 4'-0" | 12" | #4  | 12"     | Continuous |
| 4'-6" | 12" | #4  | 12"     | Continuous |
| 5'-0" | 12" | #4  | 12"     | Continuous |
| 5'-6" | 12" | #4  | 12"     | Continuous |

**L-TYPE RETAINING WALL FOR DRIVEWAYS**

**DIMENSIONS FOR L-TYPE WALL**

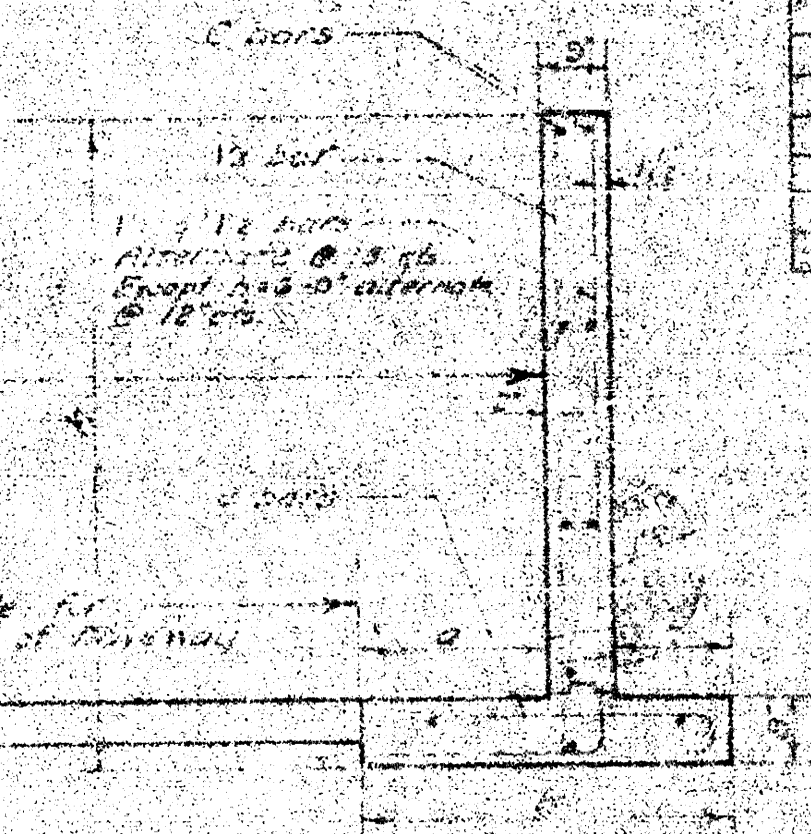
| h     | d   | Weight (lb/lin ft) |
|-------|-----|--------------------|
| 1'-0" | 12" | 101                |
| 1'-6" | 12" | 126                |
| 2'-0" | 12" | 151                |
| 2'-6" | 12" | 176                |
| 3'-0" | 12" | 201                |
| 3'-6" | 12" | 226                |
| 4'-0" | 12" | 251                |
| 4'-6" | 12" | 276                |
| 5'-0" | 12" | 301                |
| 5'-6" | 12" | 326                |



**T-TYPE RETAINING WALL FOR DRIVEWAYS**

**DIMENSIONS FOR T-TYPE WALL**

| h     | d   | Weight (lb/lin ft) |
|-------|-----|--------------------|
| 1'-0" | 12" | 101                |
| 1'-6" | 12" | 126                |
| 2'-0" | 12" | 151                |
| 2'-6" | 12" | 176                |
| 3'-0" | 12" | 201                |
| 3'-6" | 12" | 226                |
| 4'-0" | 12" | 251                |
| 4'-6" | 12" | 276                |
| 5'-0" | 12" | 301                |
| 5'-6" | 12" | 326                |



NOTE: All excavation for retaining walls shall be included in the bid price per lin. ft. of retaining wall. The 9" ties, keep holes & plugged back or coated with for drainage, shall be included in the bid price per lin. ft. of retaining wall.

All Rein. Steel Retaining Walls shall be included in the Bid Price of Lin. Ft. Retaining Wall.

**SCHEDULE OF MEASUREMENT FOR RETAINING WALLS**

| Gravity-Type |        | L-Type |        | T-Type |        |
|--------------|--------|--------|--------|--------|--------|
| h            | Weight | h      | Weight | h      | Weight |
| 1'-0"        | 101    | 1'-0"  | 101    | 1'-0"  | 101    |
| 1'-6"        | 126    | 1'-6"  | 126    | 1'-6"  | 126    |
| 2'-0"        | 151    | 2'-0"  | 151    | 2'-0"  | 151    |
| 2'-6"        | 176    | 2'-6"  | 176    | 2'-6"  | 176    |
| 3'-0"        | 201    | 3'-0"  | 201    | 3'-0"  | 201    |
| 3'-6"        | 226    | 3'-6"  | 226    | 3'-6"  | 226    |
| 4'-0"        | 251    | 4'-0"  | 251    | 4'-0"  | 251    |
| 4'-6"        | 276    | 4'-6"  | 276    | 4'-6"  | 276    |
| 5'-0"        | 301    | 5'-0"  | 301    | 5'-0"  | 301    |
| 5'-6"        | 326    | 5'-6"  | 326    | 5'-6"  | 326    |

NOTE: The 9" Spreader shall first measure retaining walls prior to Jack S.H. operations.