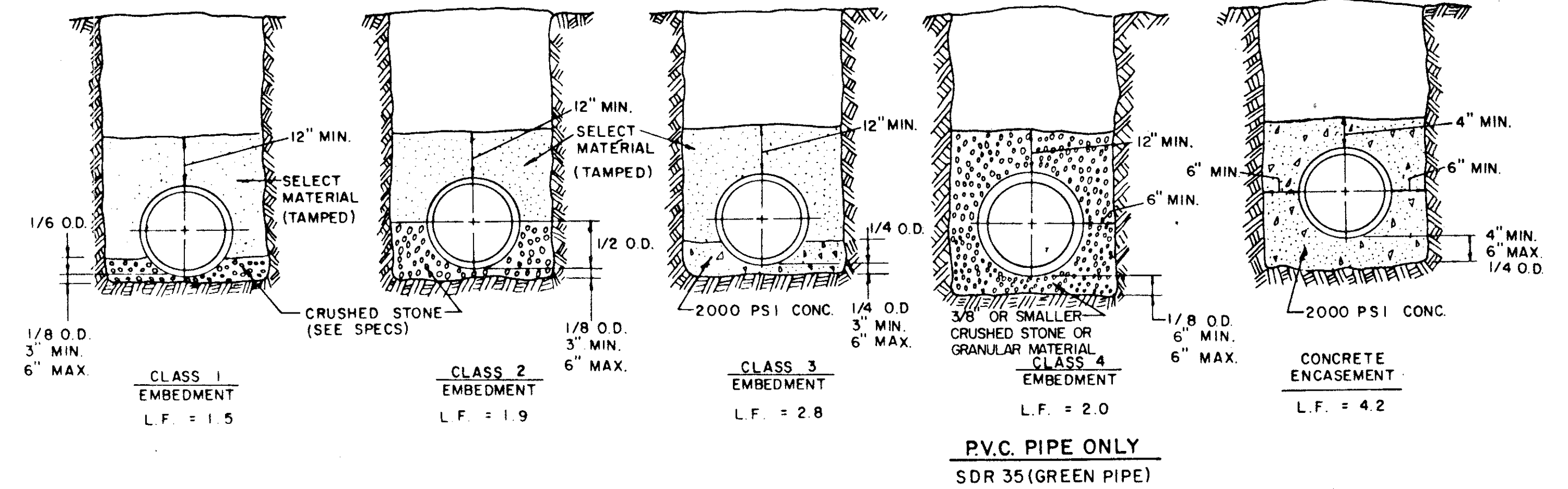


EMBEDMENT DETAILS FOR RCCP WATERLINE

TABLE OF QUANTITIES OF MATERIALS IN CUBIC YARDS PER 100 LINEAR FEET

| INSIDE DIAMETER OF PIPE | APPROX OUTSIDE DIAMETER OF PIPE | "X" IS A MINIMUM DEPTH | "B" TRENCH WIDTH FOR COMPUTATION OF QUANTITIES | CONCRETE | | CRUSHED STONE FOR "I" EMBEDMENT |
|---|---------------------------------|------------------------|--|---------------|----------------|---------------------------------|
| | | | | FOR EMBEDMENT | FOR ENCASEMENT | |
| N.I.C. REINFORCED CONCRETE CYLINDER PIPE | | | | | | |
| 14" | 17.25" | 2.53' | 34" | 6.91 | 16.07 | 5.16 |
| 16" | 19.25" | 2.84' | 36" | 7.50 | 17.76 | 5.64 |
| 18" | 21.75" | 3.19' | 38" | 8.11 | 19.52 | 6.16 |
| 24" | 27.75" | 4.06' | 44" | 9.97 | 24.90 | 9.28 |

TYPICAL NATIVE MATERIAL COMPACTED TO:
 95% OPTIMUM MOISTURE 0 TO ±3% UNDER PAVEMENT
 95% OPTIMUM MOISTURE 0 TO ±3% OUTSIDE CURB LINES
 JETTING IS NOT ALLOWED
 BACKFILL TO BE COMPACTED IN 6"± LIFTS



EMBEDMENT DETAILS FOR SANITARY SEWER

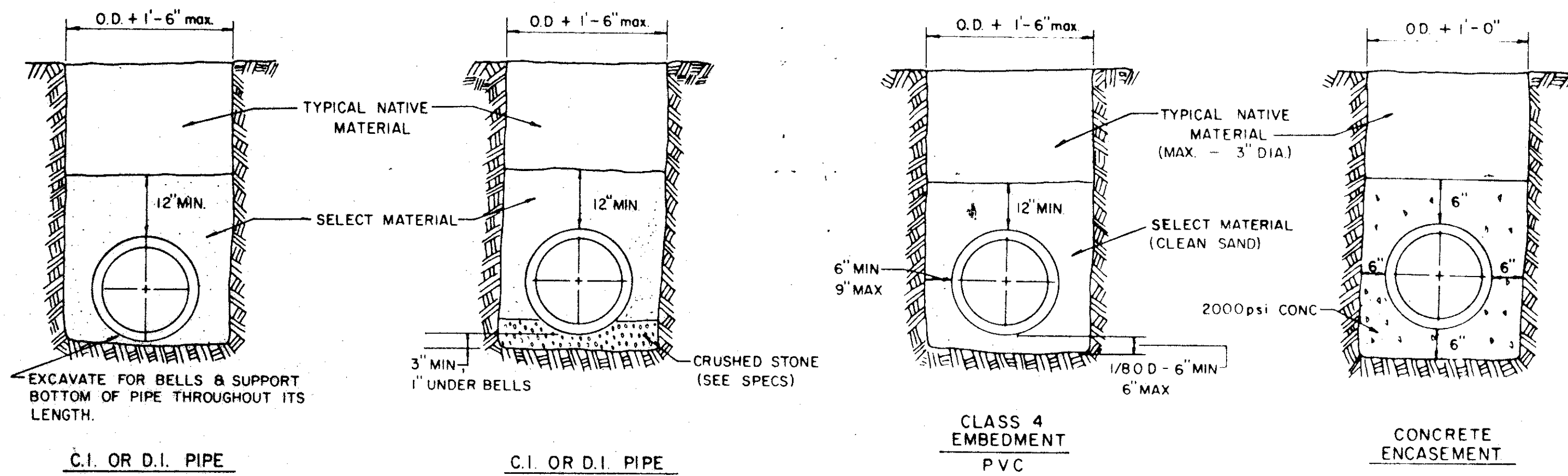
TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE

| SIZE OF PIPE IN INCHES I.D. | O.D. OF PIPE IN INCHES | TRENCH WIDTH IN INCHES | TRENCH WIDTH IN FEET | CLASS 1 EMBEDMENT CRUSHED STONE | CLASS 2 EMBEDMENT CRUSHED STONE | CLASS 3 EMBEDMENT CONCRETE | CONCRETE ENCASEMENT |
|-----------------------------|------------------------|------------------------|----------------------|---------------------------------|---------------------------------|----------------------------|---------------------|
| 12 | 16.00 | 32 | 2.67 | 4.1 | 6.5 | 4.8 | 15.8 |
| 15 | 19.50 | 36 | 3.00 | 4.8 | 7.8 | 6.4 | 19.2 |
| 18 | 23.00 | 39 | 3.25 | 5.7 | 9.2 | 8.2 | 21.2 |
| 21 | 26.50 | 43 | 3.58 | 6.9 | 11.0 | 10.2 | 24.9 |
| 24 | 30.00 | 46 | 3.83 | 8.3 | 13.1 | 12.4 | 28.7 |
| 27 | 33.50 | 51 | 4.25 | 10.3 | 16.1 | 14.4 | 32.8 |
| 30 | 37.00 | 57 | 4.75 | 12.7 | 20.1 | 17.0 | 34.8 |
| 33 | 40.50 | 62 | 5.17 | 15.1 | 23.8 | 19.3 | 39.2 |
| 36 | 44.00 | 67 | 5.58 | 18.0 | 28.6 | 22.1 | 43.8 |

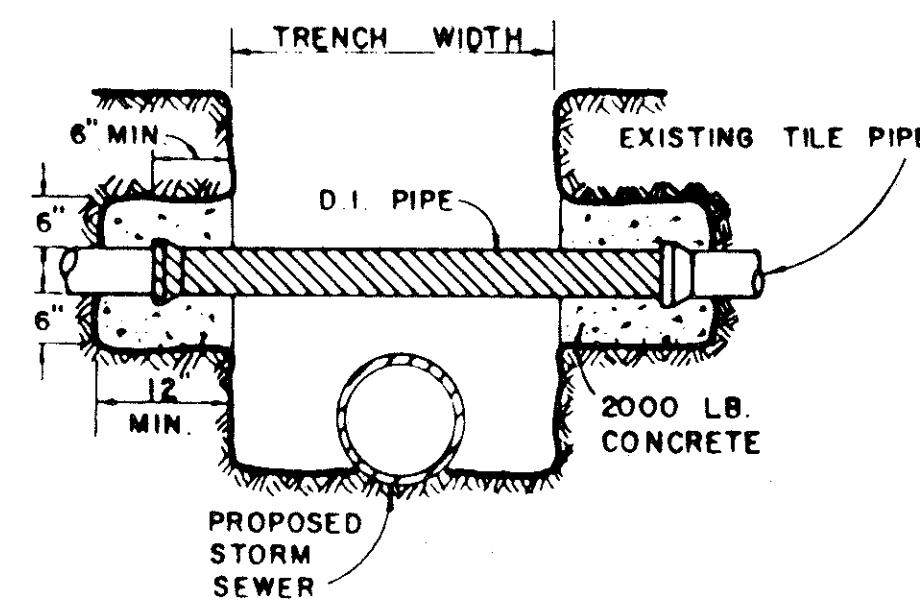
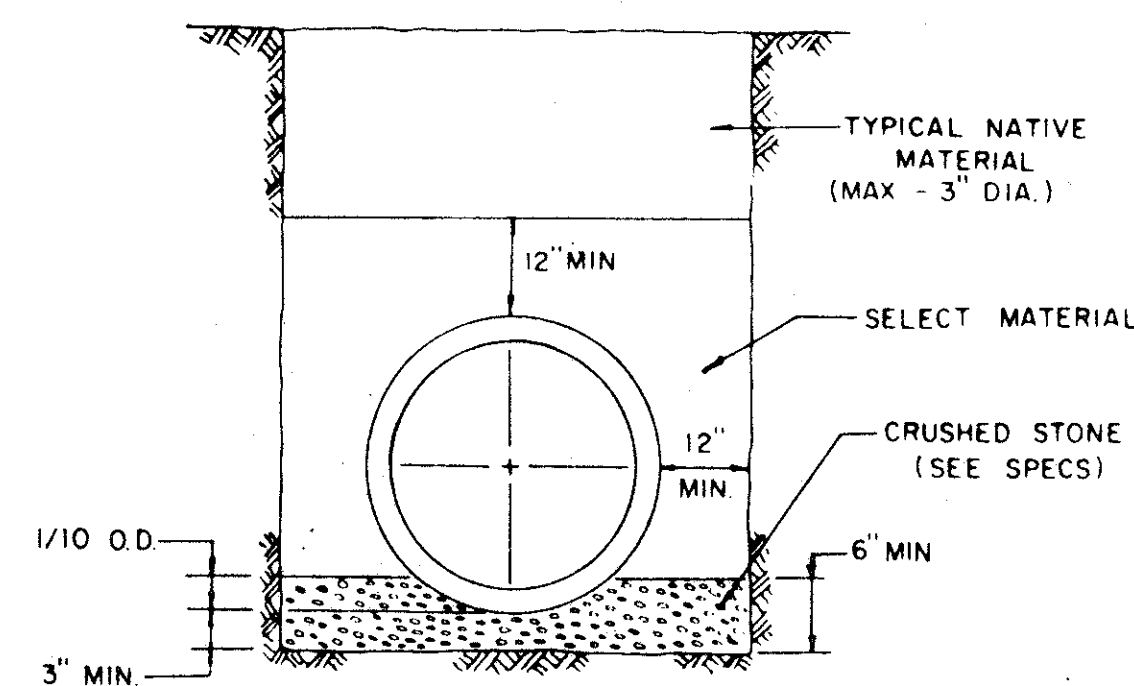
TABLE OF QUANTITIES PER 100 LINEAR FEET-PVC PIPE (IN CUBIC YARDS)

| SIZE OF PIPE IN INCHES | O.D. OF PIPE IN INCHES | TRENCH WIDTH IN INCHES | TRENCH WIDTH IN FEET | CLASS 4 EMBEDMENT CRUSHED STONE | CONCRETE ENCASEMENT |
|------------------------|------------------------|------------------------|----------------------|---------------------------------|---------------------|
| 6 | 6.28 | 24 | 2.00 | 8.0 | 11.7 |
| 8 | 8.16 | 24 | 2.00 | 8.7 | 12.4 |
| 10 | 10.20 | 26 | 2.18 | 10.2 | 14.2 |
| 12 | 12.24 | 28 | 2.35 | 11.7 | 15.9 |
| 16 | 15.30 | 31 | 2.61 | 14.0 | 18.8 |
| 24 | | 36 | 3.0 | | |
| 30 | | 42 | 3.5 | | |

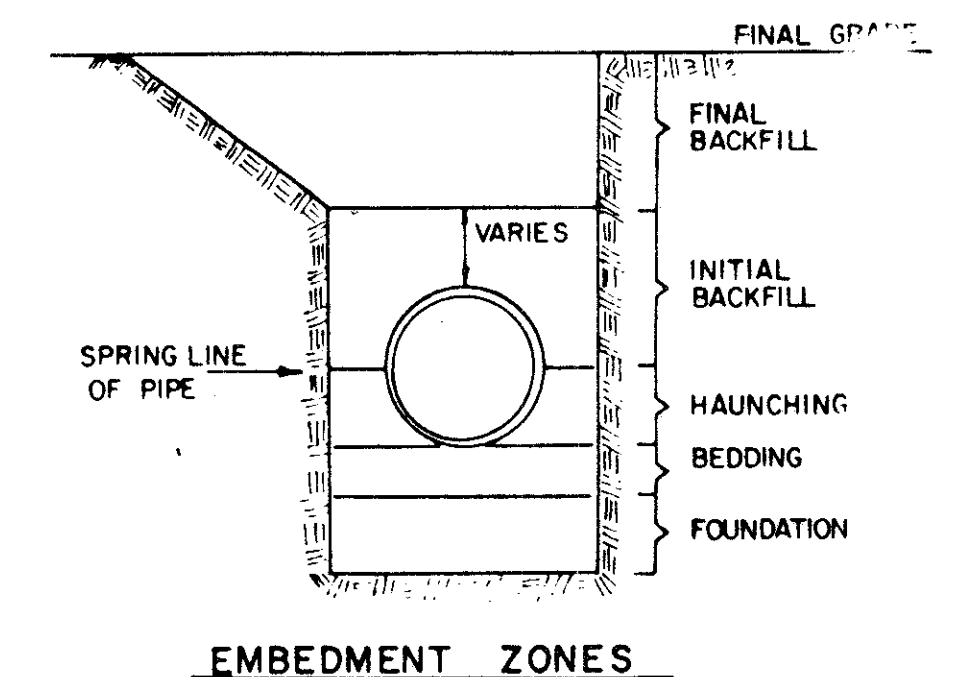


EMBEDMENT DETAILS FOR WATER MAIN

EMBEDMENT DETAIL FOR STORM SEWER

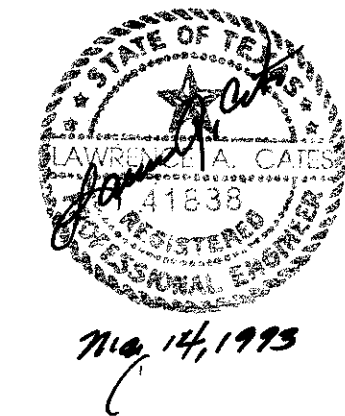


DETAIL OF UTILITY SUPPORT



TOWN OF ADDISON, TEXAS
 DEPARTMENT OF ENGINEERING
STANDARD CONSTRUCTION DETAILS
EMBEDMENT DETAILS

| | | | |
|------------|-----------|---------|------------|
| Designed - | Drawn - | Date - | Job No. - |
| Approved - | Checked - | Scale - | Sheet SD-5 |



2810-210 (ST) LINE
 2/11/1995
 2/11/1995