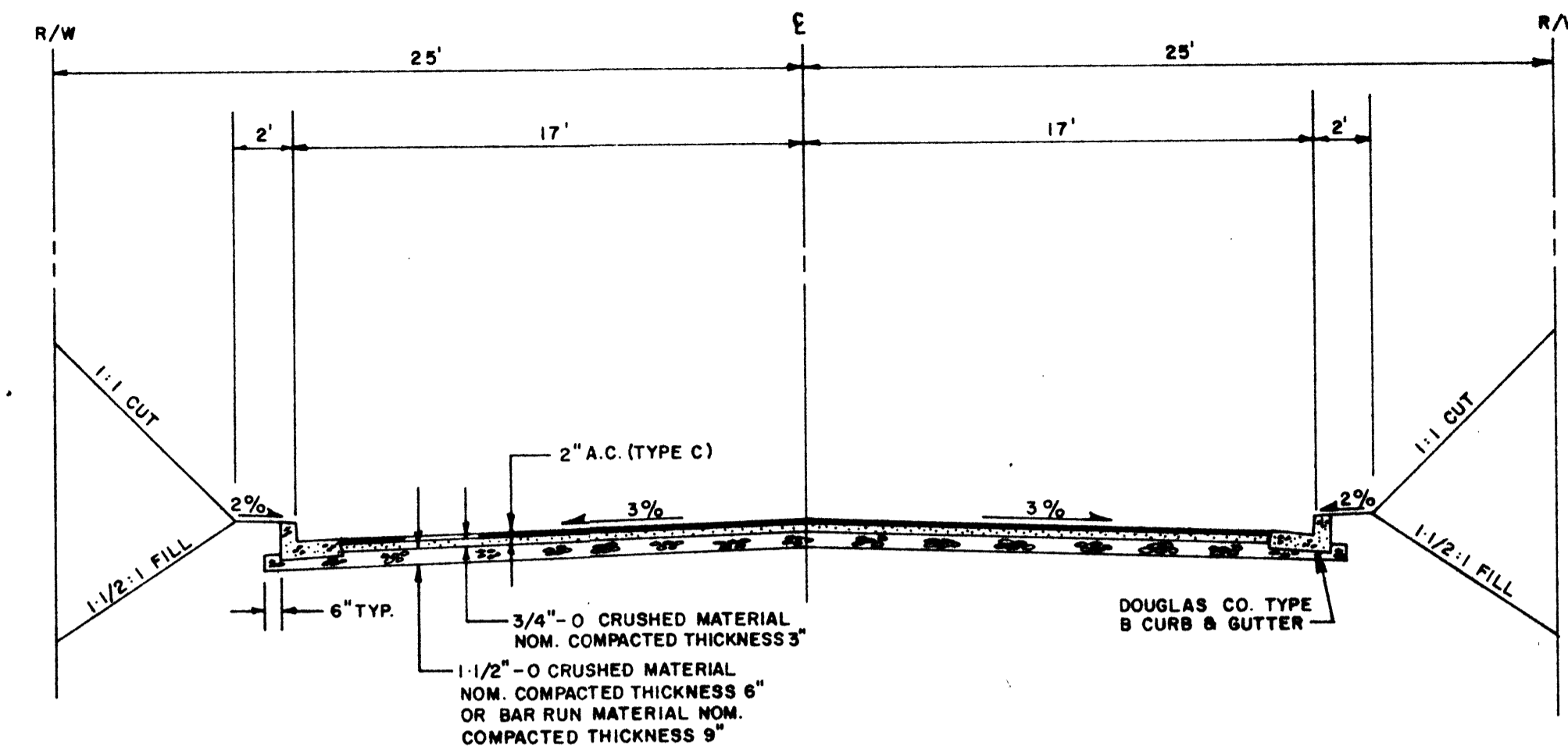
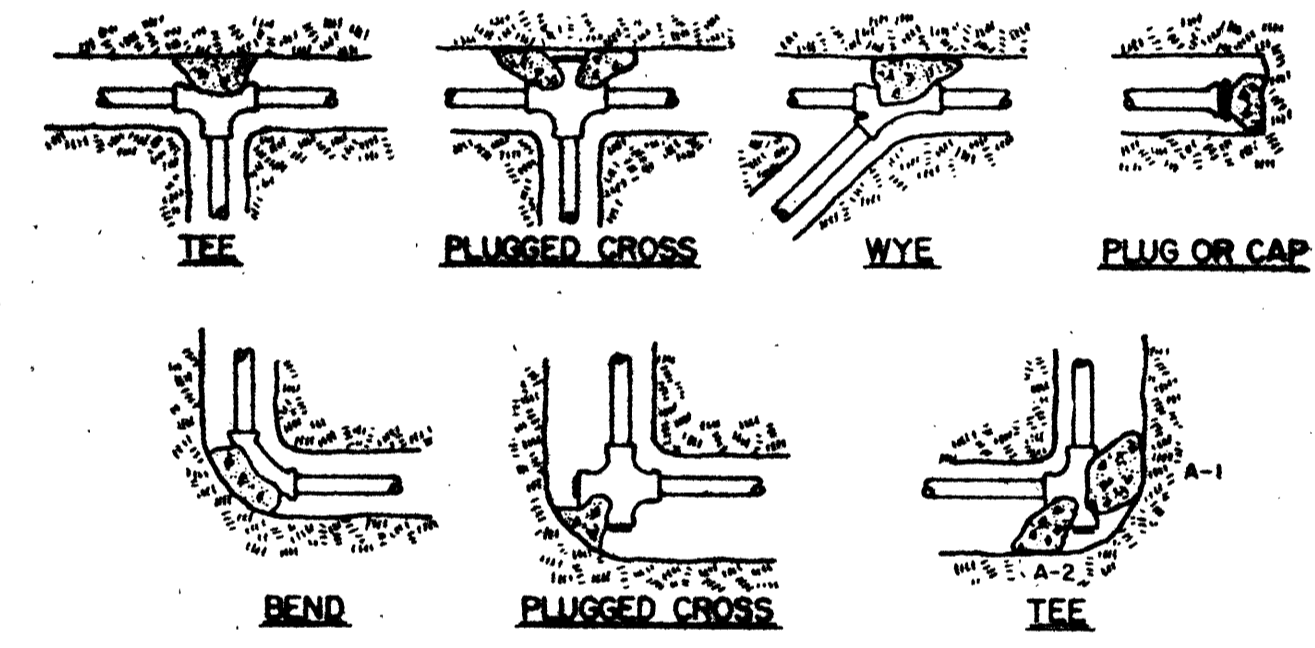


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TYPICAL STREET SECTION



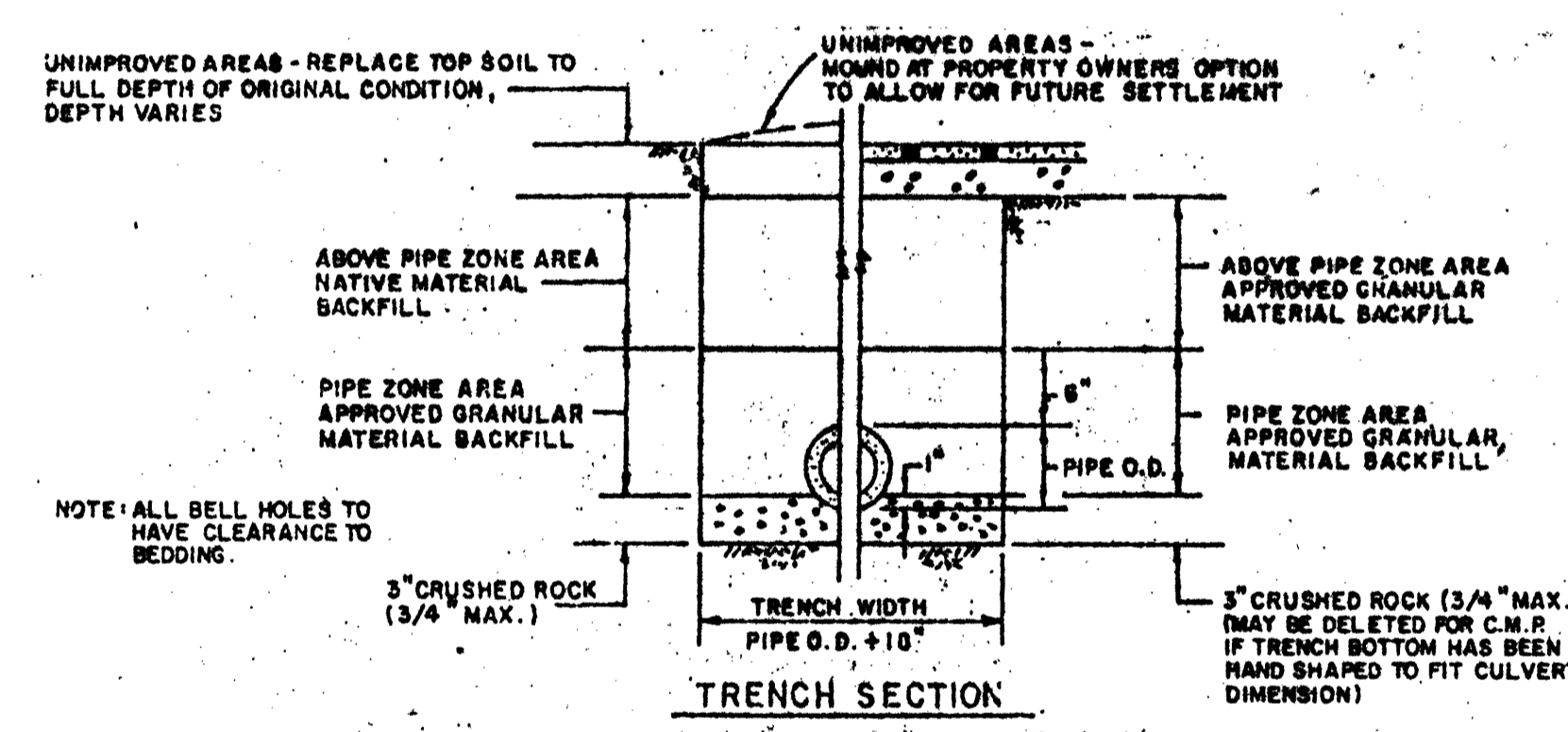
- NOTES:
1. Concrete thrust blocking to be poured against undisturbed earth.
 2. Keep concrete clear of joint and accessories.
 3. The required thrust bearing areas for special connections are shown encircled on the plans: e.g. (15) indicates 15 square feet bearing area required.
 4. If not shown on plans required bearing areas at fitting shall be as indicated below, adjusted if necessary, to conform to the test pressure(s) and allowable soil bearing stress(es) stated in the special specifications.
 5. Bearing areas and special blocking details shown on plans take precedence over bearing areas and blocking details shown on this standard detail.

BEARING AREA OF THRUST BLOCKS IN SQ. FT.

| Fitting Size | Tee, Wye Plug or Cap | 90° Bend Plugged Cross | Tee Plug- ged on | | 45° Bend | 22-1/2° Bend | 11-1/4° Bend |
|--------------|----------------------|------------------------|------------------|----------------|----------|--------------|--------------|
| | | | A ₁ | A ₂ | | | |
| 4 | 1.0 | 1.4 | 1.9 | 1.4 | 1.0 | --- | --- |
| 6 | 2.1 | 3.0 | 4.2 | 3.0 | 1.6 | 1.0 | --- |
| 8 | 3.8 | 5.3 | 7.8 | 5.4 | 2.9 | 1.5 | 1.0 |
| 10 | 5.9 | 8.4 | 11.8 | 8.4 | 4.5 | 2.4 | 1.7 |
| 12 | 8.5 | 12.0 | 17.0 | 12.0 | 6.6 | 3.4 | 1.7 |
| 14 | 11.5 | 16.3 | 23.0 | 16.3 | 8.9 | 4.6 | 2.3 |
| 16 | 15.0 | 21.3 | 30.0 | 21.3 | 11.6 | 6.0 | 3.0 |
| 18 | 19.0 | 27.0 | 38.0 | 27.0 | 14.6 | 7.6 | 3.8 |
| 20 | 23.5 | 33.3 | 47.0 | 33.3 | 18.1 | 9.4 | 4.7 |
| 24 | 34.0 | 48.0 | 68.0 | 48.0 | 26.2 | 13.6 | 6.8 |

NOTE: Above bearing areas based on test pressure of 150 p.s.i. and an allowable soil bearing stress of 2,000 pounds per square foot. To compute bearing areas for different test pressures and soil bearing stresses, use the following equation: Bearing area = (Test Pressure/150)x(2000/Soil Bearing Stress)x(Table Value).

THRUST BLOCK DETAIL



NOTE: GRANULAR MATERIAL BACKFILL SHALL BE PLACED BY FULL-DEPTH WATER JETTING OR BY MECHANICAL COMPACTION IN 12" LIFTS.

AS BUILT 12-9-77 JVS

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| | | | |
|--|--|----------------------|----------------------------|
| VIC J. & KIP A. RICE | | MYRTLE CREEK, OREGON | |
| CAMELOT PLACE SUBDIVISION - PHASE I MISCELLANEOUS DETAILS | | | |
| | C & G ENGINEERING ENGINEERING ARTS BUILDING 3274 Commercial, S. E. SALEM, OREGON | | SHEET OF 4 4 |
| | | | JO. 6150.0042 |
| DSGN. CPW | DRWG. PIW | CHKD. | SCALE NONE DATE JULY, 1977 |

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