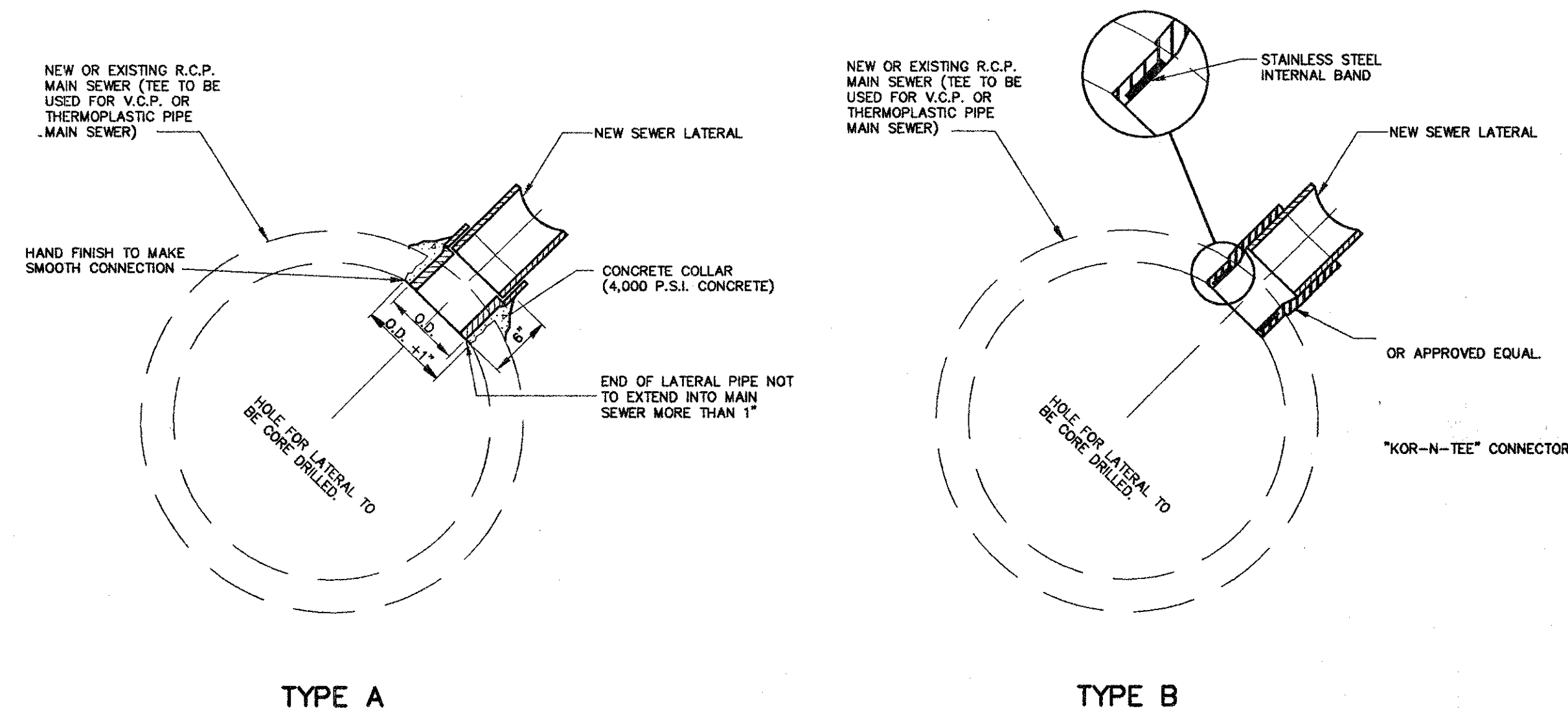
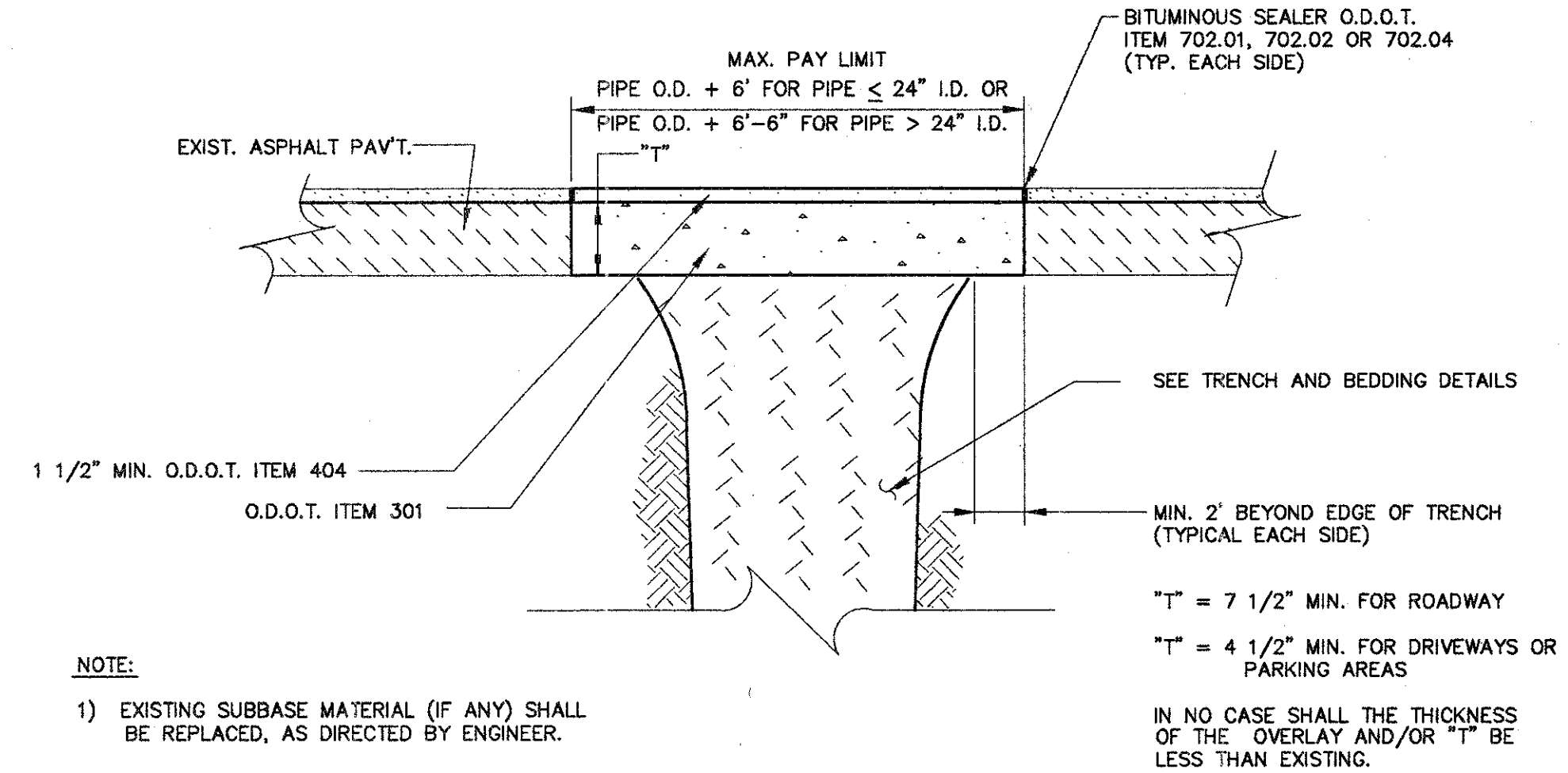


- NOTES:
1. MAXIMUM TRENCH WIDTH AT TOP OF PIPE SHALL BE O.D. + 24" FOR ALL PIPES UP TO AND INCLUDING 24" I.D.; O.D. + 30" FOR PIPE LARGER THAN 24" I.D. TO 54" I.D. AND O.D. + 48" FOR PIPE SIZES 60" AND OVER.
 2. PIPE BEDDING SHALL BE NO. 57 OR NO. 67 STONE.
 3. ALL BEDDING SHALL BE CLASS 'B' UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER. CLASS 'A' BEDDING SHALL BE USED FOR ALL PIPE UNDER PAVED AREAS WITH LESS THAN 18" COVER TO PAVEMENT SUBGRADE.
 4. WATERLINE BEDDING SHALL BE CLASS 'C'.
 5. a) PIPE BACKFILL UNDER PAVEMENT, STRUCTURES OR WITHIN A 1:1 ZONE OF INFLUENCE PARALLEL OR TRANSVERSE TO PAVEMENT AND STRUCTURES SHALL BE NO. 57 OR NO. 67 STONE TO 12" ABOVE TOP OF PIPE. REMAINING TRENCH BACKFILL UNDER PAVEMENT AND STRUCTURES OR WITHIN A 1:1 ZONE OF INFLUENCE PARALLEL OR TRANSVERSE TO PAVEMENT AND STRUCTURES SHALL BE O.D.O.T. ITEM 304 STONE, ITEM 307 STONE, NO. 57 OR NO. 67 STONE TO TOP OF TRENCH. IF ITEMS 304 OR 307 ARE USED, PIPE BACKFILL SHALL BE TAMPED IN 4" LIFTS COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER STANDARD PROCTOR (ASTM D698).
 b) IN AREAS OUTSIDE PAVEMENT, STRUCTURES OR THE 1:1 ZONE OF INFLUENCE, SELECT FRIABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER MAY BE USED FOR R.C.P. AND D.I.P.; NO. 57 OR NO. 67 STONE SHALL BE USED FOR V.C.P. AND THERMOPLASTIC PIPE TO 12" ABOVE TOP OF PIPE. FOR REMAINDER OF TRENCH BACKFILL, SELECT FRIABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER MAY BE USED, MECHANICALLY TAMPED IN 4" LIFTS COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER STANDARD PROCTOR (ASTM D698).
 6. SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.
 7. CLAY DAMS SHALL BE REQUIRED WHEN AND WHERE NECESSARY PER PLAN OR AS DIRECTED BY THE ENGINEER.
 8. ALL UTILITY CROSSINGS UNDER THE PROPOSED STORM SEWER SHALL BE PROPERLY BACKFILLED PER CITY STANDARDS.

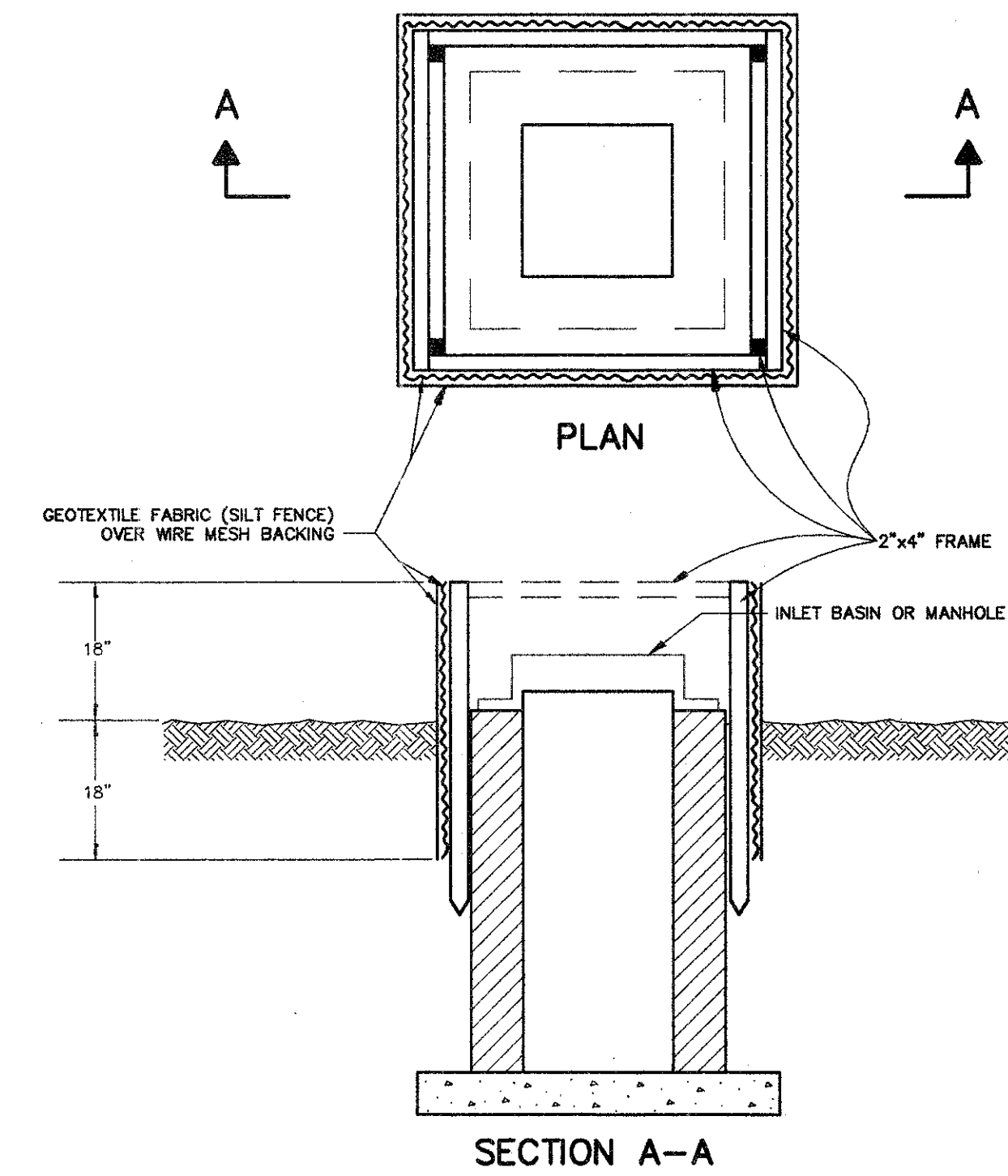
TRENCH & BEDDING DETAILS
(CITY OF MENTOR)



FIELD TEE CONNECTION DETAILS



TYPE C PAVEMENT REPLACEMENT



SILT FENCE EROSION CONTROL FOR INLET BASINS AND MANHOLES

CENTER STREET (STATE ROUTE 615)
ROADWAY IMPROVEMENTS
MISCELLANEOUS DETAILS

CT Consultants, Inc.
Engineers • Architects • Planners
Willoughby • Mentor • Columbus • North Canton • Youngstown

DATE:	APRIL, 1999
DRAWN BY:	J.C.
CHECKED BY:	C.C.H.
APPROVED BY:	
SCALE:	HOR: 1" = 20'
VERT:	-
CONTRACT No.	98387
SHEET NO.	OF
77	103