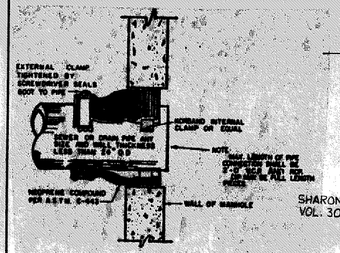
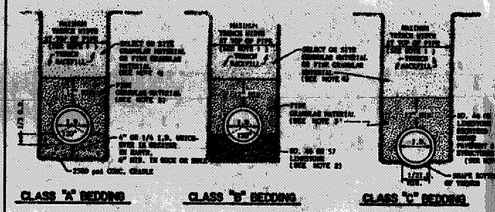
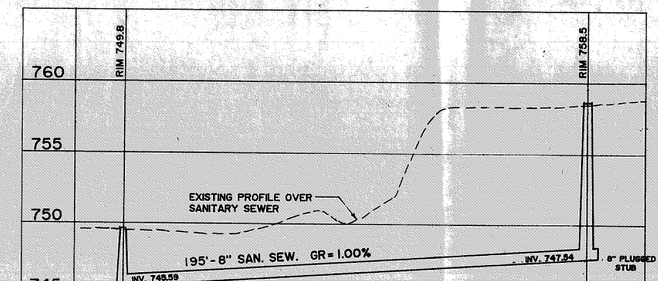


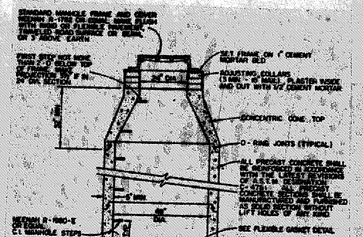
SANITARY SEWER
FLEXIBLE GASKET DETAIL



1. MINIMUM TRENCH WIDTH: 30" OF PIPE SHALL BE O.D. + 24" FOR ALL PIPE SIZES UP TO AND INCLUDING 24" I.D. AND O.D. + 30" FOR PIPE LARGER THAN 24" I.D.
2. PIPE BEDDING SHALL BE NO. 46 OR NO. 57 LIMESTONE TO SPRINGLINE OF PIPE.
3. PIPE BACKFILL UNDER PAVEMENT AND STRUCTURES SHALL BE NO. 46 OR NO. 57 LIMESTONE TO 12" ABOVE TOP OF PIPE. THE BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF 2 FEET BEYOND EACH SIDE OF PAVEMENT OR STRUCTURE, IN THREE COURSES OF PAVEMENT. SELECT CR-6 STONE OR GRANULAR MATERIAL APPROVED BY ENGINEER MAY BE USED.
4. REMAINING BACKFILL UNDER PAVEMENT AND STRUCTURES SHALL BE SELECT TYPE 2 MATERIAL OR ABOVE EXCAVATED IN LIFTS NOT TO EXCEED 6" TO THE TOP OF TRENCH. CODE TYPE 310 GRAVEL MAY BE USED IF APPROVED BY THE ENGINEER. THE BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF 2 FEET BEYOND EACH SIDE OF PAVEMENT OR STRUCTURE. IN AREAS OUTSIDE OF PAVEMENT, SELECT CR-6 STONE GRANULAR MATERIAL APPROVED BY THE ENGINEER MAY BE USED IN LIFTS NOT TO EXCEED 6" TO TOP OF TRENCH.
5. ALL BEDDING SHALL BE CLASS "B" UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER.
6. WATERLINE BEDDING SHALL BE CLASS "C".
7. SLAB BEDDING SHALL NOT BE USED.
8. CLAY DAMS SHALL BE REQUIRED WHEN AND WHERE NECESSARY PER THE SOLE DISCRETION OF THE ENGINEER.



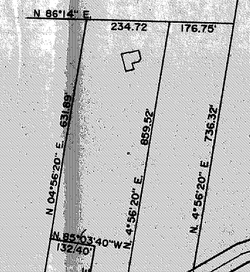
SANITARY SEWER LATERAL DETAIL
NO SCALE



THE CONTRACTOR SHALL PROVIDE 48 HOUR NOTICE TO THE LAKE COUNTY SANITARY ENGINEER PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE LAKE COUNTY SANITARY ENGINEER AND AT ALL TIMES BE SUBJECT TO HIS DIRECT SUPERVISION AND INSPECTION.

STATIONING SHOWN HEREON IS ALONG THE CENTERLINE OF THE SANITARY SEWERS FOR SANITARY SEWER WORK, INCLUDING SANITARY SEWER LATERALS.



LOT, TRACT — CONCORD TWP. — OHIO

LAND DESIGN consultants
Civil Engineers and Surveyors
8085 EAST AVENUE • MENTOR, OHIO 44060
TELEPHONE 255-8403 354-6630 951-1440

DESIGN CERTIFICATION

THIS PLAT WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

CHECK LIST

LOT DIMENSIONS & BEARINGS
TIE TO NEAREST STREET
SUBLOT No. (PARCEL No.)
SURROUNDING OWNERS
BUILDING DIMENSIONS
SETBACK, SIDEYARD, REARYARD
FINISHED GRADES
DRIVE & APRON TYPE, WIDTH, THICKNESS
SIDEWALK TYPE, WIDTH, THICKNESS
CULVERT TYPE, DIAM., LENGTH
WATER-MAIN SIZE, LOCATION
SAN. SEWER SIZE, & GRADE LOC.
SAN. MH. CAST. ELEV., INV. ELEV.
SAN. CONN. SIZE, & GRADE LOC.
STORM SEWER SIZE, & GRADE, LOC.
STORM MH. CAST. ELEV., INV. ELEV.
PAVT TYPE, GRADE, CURBS
GAS LINE LOC., SIZE
SEPTIC SYSTEM & DUPLICATION
WELL LOCATION & ISOLATION RADIUS

STATE OF OHIO — FRANK CHORA — E-43815 — REGISTERED PROFESSIONAL ENGINEER

STATE SEAL

"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE _____ 19____ AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

LEGEND

STORM MANHOLE
SANITARY MANHOLE
EXISTING CONTOURS
PROPOSED CONTOURS
EXIST. ELEV. 100.0
100.0 PROP. ELEV.
DIRECTION OF SURFACE DRAINAGE

DRAWN BY	SCALE
CHK'D BY	DATE
1	
2	

ACCEPTED: _____ CLIENT _____ DATE

BENCHMARK: RIM OF SANITARY M.H. Nº 28
ELEVATION: 752.28

Grading Plan Approved
as shown and/or noted
THOMAS P. GILLES, P.E.
Lake County Engineer
By GJH Date 4/23/90

ZONING PERMIT #6419
ISSUED 4-20-90

SUBJECT TO APPROVAL BY:
Lake County Sanitary Eng. ☐
Lake County Hlth. Dept. ☒
Lake County Planning Comm. ☐
Lake County Bldg. Dept. ☒