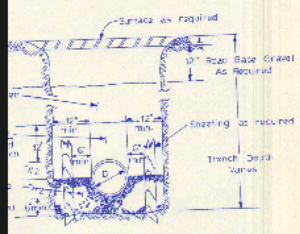
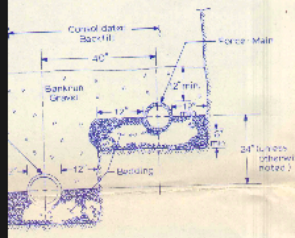
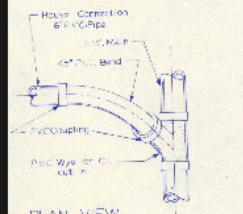


TRENCH EXCAVATION DETAILS

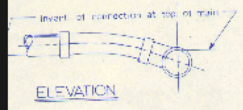


AL TRENCH WITH FORCE MAIN

FOR DETAIL SEE TYPICAL TRENCH

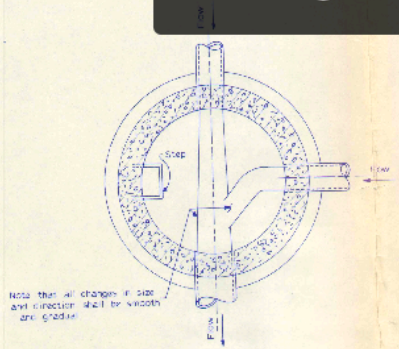


PLAN VIEW

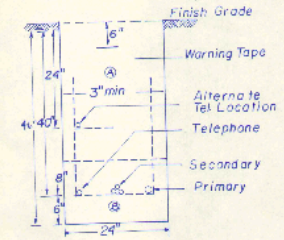


ELEVATION

YPICAL DETAIL OF
OUSE CONNECTIONS



TYPICAL MANHOLE SECTION

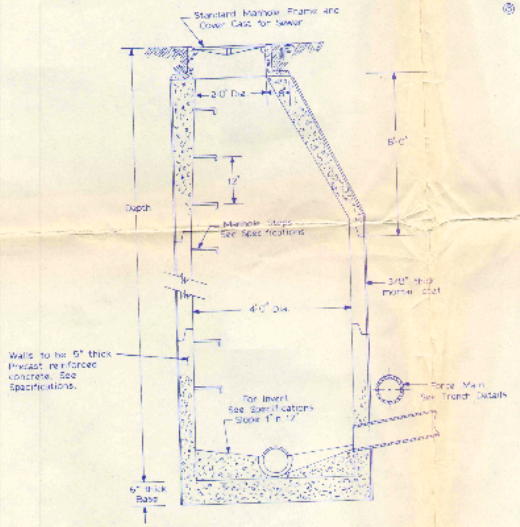


Single Phase Primary

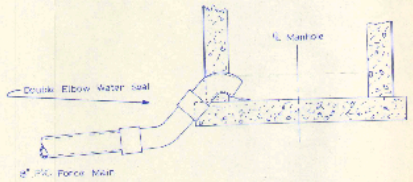
TRENCH DETAIL FOR
UNDERGROUND UTILITIES

Ⓐ Denotes excavated material free of frozen lumps, large stones and debris.

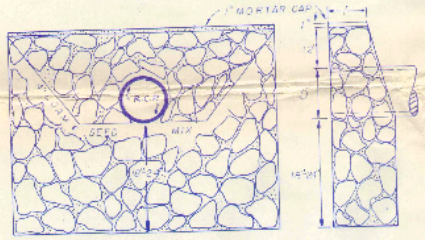
Ⓑ Selected sand backfill, 100% of which shall pass through A 1/4" sieve.



TYPICAL MANHOLE DETAILS

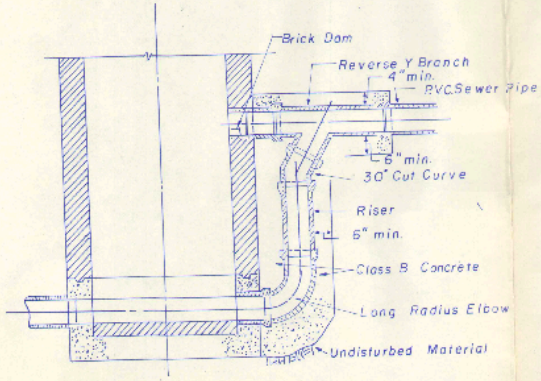


DETAIL OF METHOD OF TERMINATING FORCE MAIN



FIELDSTONE & MORTAR HEADWALL

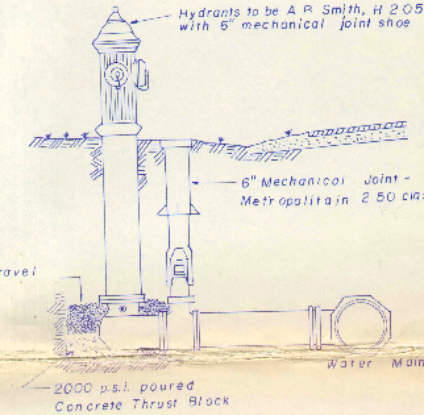
no scale



DROP MANHOLE DETAIL

GENERAL NOTES

1. Sewer pipe shall be first class asbestos cement pipe in sizes and classes indicated with coupled and gasketed joints installed in accordance with manufacturers instructions. Leakage shall not exceed 500 gallons per inch of pipe diameter per mile of pipe per day.
2. Concrete thrust blocks shall be provided at all bends in the force main made by pouring concrete between the bend and the undisturbed trench wall.
3. Trenching shall be in accordance with details shown. All excavations shall be kept dry. Bedding, sub-base, backfill and tamping to be in accordance with standard specifications for highways by Maine State Highway Commission.
4. Whenever the sewer must cross a water main the water shall be relocated at such an elevation that the top of the sewer is at least 18" below the bottom of the water main.
5. Water Laterals are to be 1" dia. copper tubing to ASTM B88, Type K with snicer type joints (ANSI B16.18). No joints within 10' of sewer crossing. 5' minimum cover.
6. See specifications for additional requirements.



TYPICAL HYDRANT SECTION

no scale

DETAIL SHEET

ORGANUG WOODS
YORK, MAINE

SCALE: As Shown DEC. 17

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PO Box 372-US Rte 2 Kittery, Maine 03904

SHEET 1 OF 3

REVISIONS		BY	CK