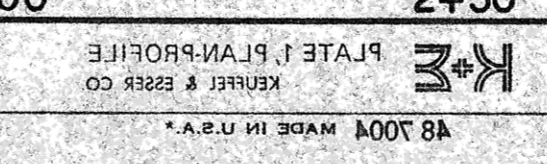


- NOTE: The indicated water line shall conform to the requirements of AWWA Standard C900, Class 150. The pipe shall have integral bell sockets and gaskets conforming to ASTM D3153, and shall be manufactured by Bellini, Tappan, Johnson, or equivalent. Joints for this pipe shall be cast iron flange for full dimensional pipe, conforming to AWWA Standard C110.
- NOTE: Existing 12" on 1st St N.E. and 4" and 6" W.M. on Main St. are at approximate elevations, actual elevations are unknown. Install 7.5' from invert to street grade.
- NOTE: Backfill after the pipe has been inspected and tested as specified. The contractor may elect to complete the backfilling process prior to the hydrostatic test. The backfill material is to be compacted as follows:
 From 4" below the pipe to 6" above the pipe - 85% Max. dry density.
 From 6" above the pipe to 4" below finished grade - 90% of Max. dry density.
 From 4" below finished grade to final grade - 95% Max. dry density.
- NOTE: Existing service locations are unknown, reconnect of water services.

SCALE HORZ 1" = 20'
VERT 1" = 2'

DATE	REV. BY	APPR. BY	DESCRIPTION
CITY OF MANDAN, NORTH DAKOTA ENGINEERING DEPARTMENT			
Watermain replacement on 11th Ave N.E. between Main St. and 1st St. N.E.			
CITY ENGR APPROVED BY PROJECT NO. 83-4	Thomas Little	DRAWN BY CHECKED BY DISTRICT NO. 1000	SCALE: 1" = 20' DATE: APRIL 1983 SHEET 2 OF 2



PROJECT 83-4.

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