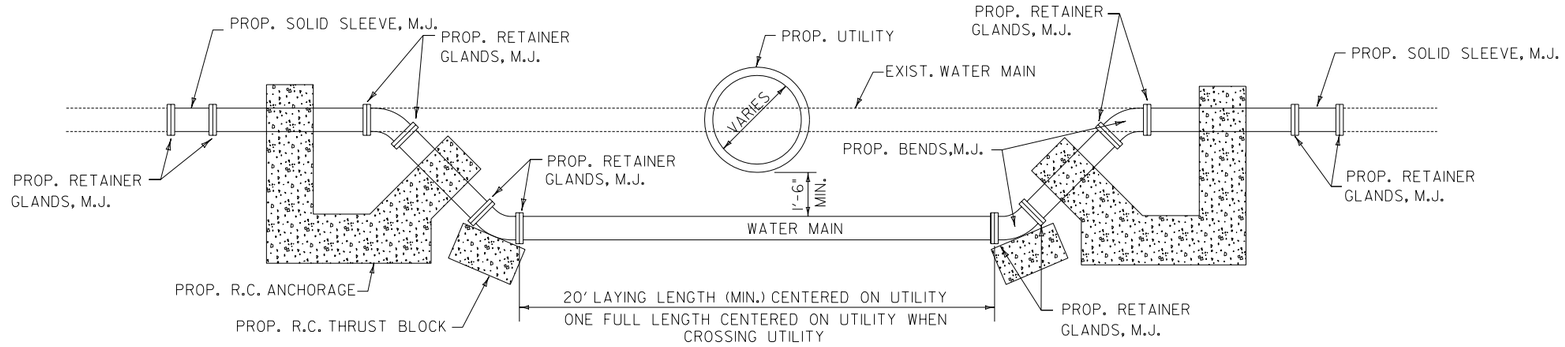


DETAIL OF

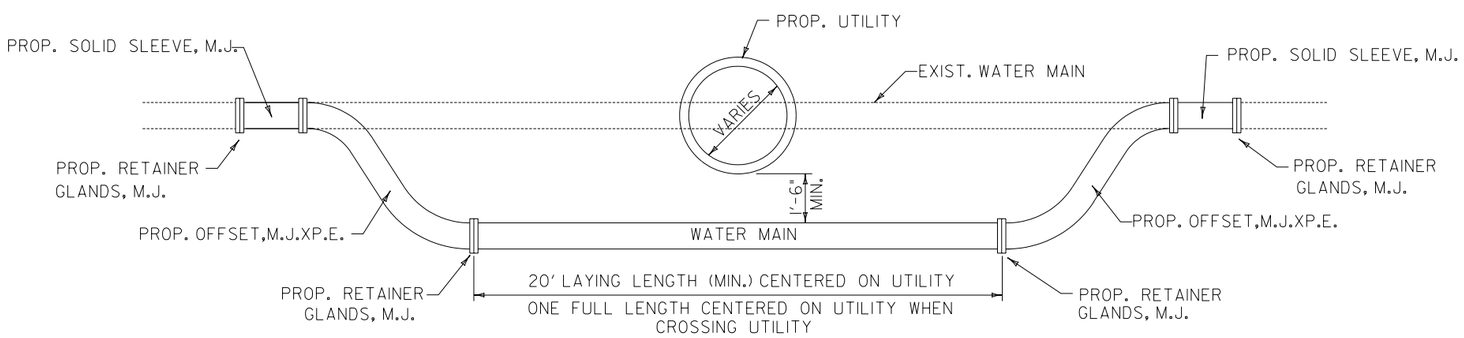
WATER MAIN RECONSTRUCTION

USING BENDS

NOTE: FOR DETAILS AND QUANTITIES OF R.C. ANCHORAGES AND THRUST BLOCKS, SEE L.S.P.-320

QUANTITIES USED IN WATER MAIN RECONSTRUCTION

__"X45° BEND, M.J.	EA. 4
__" SOLID SLEEVE, M.J. (L=_")	EA. 2
__" DUAL PURPOSE SLEEVE, M.J. (TO BE USED WITH A.W.W.A. PIPE)	EA. 2
__"X_° R.C. ANCHORAGE	EA. 2
__"X_° R.C. THRUST BLOCK	EA. 2
__" DUCTILE IRON PIPE WATER MAIN, CLASS 52	LIN. FT. VARIES
REMOVE _" C.I. OR D.I. PIPE WATER MAIN	LIN. FT. VARIES
__" RETAINER GLANDS, M.J.	EA. 12



DETAIL OF

WATER MAIN RECONSTRUCTION

USING OFFSETS

NOTE: NO BLOCKING NEEDED WITH OFFSETS.

QUANTITIES USED IN WATER MAIN RECONSTRUCTION

__"OFFSET,_"DROP, M.J.XP.E	EA. 2
__" SOLID SLEEVE, M.J. (L=_")	EA. 2
__" DUAL PURPOSE SLEEVE, M.J. (TO BE USED WITH A.W.W.A. PIPE)	EA. 2
__" DUCTILE IRON PIPE WATER MAIN, CLASS 52	LIN. FT. VARIES
REMOVE _" C.I. OR D.I. PIPE WATER MAIN	LIN. FT. VARIES
__" RETAINER GLANDS, M.J.	EA. 6

NOTE: THE TOTAL LENGTH OF WATER RECONSTRUCTION IS TO BE POLYWRAPPED. SEE STANDARD SPECIFICATIONS. WHEN PROP. UTILITY CROSSING IS 36" IN DIA. OR LARGER, CRUSHED ROCK FOUNDATION MATERIAL SHOULD BE USED AS BACKFILL UNDER PROP. UTILITY.

ANY 4" WATER MAIN RECONSTRUCTION IS TO BE COMPLETED USING A MINIMUM OF 6" PIPE AND FITTINGS AND REDUCED TO MEET THE 4" MAIN AT EACH END OF THE RECONSTRUCTION.

PROFESSIONAL CIVIL ENGINEER
ROGER A. FIGARD
E-4507
STATE OF NEBRASKA

REVISIONS		
NO.	BY	DATE
1		
2		
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10		

TYPICAL WATER MAIN RECONSTRUCTION

CITY OF LINCOLN, NEBRASKA
OFFICE OF THE CITY ENGINEER

Date: 2-03 / CAW Scale: None

No. Sheets: 1 PLAN NO. L.S.P. 301 Sheet No. 1