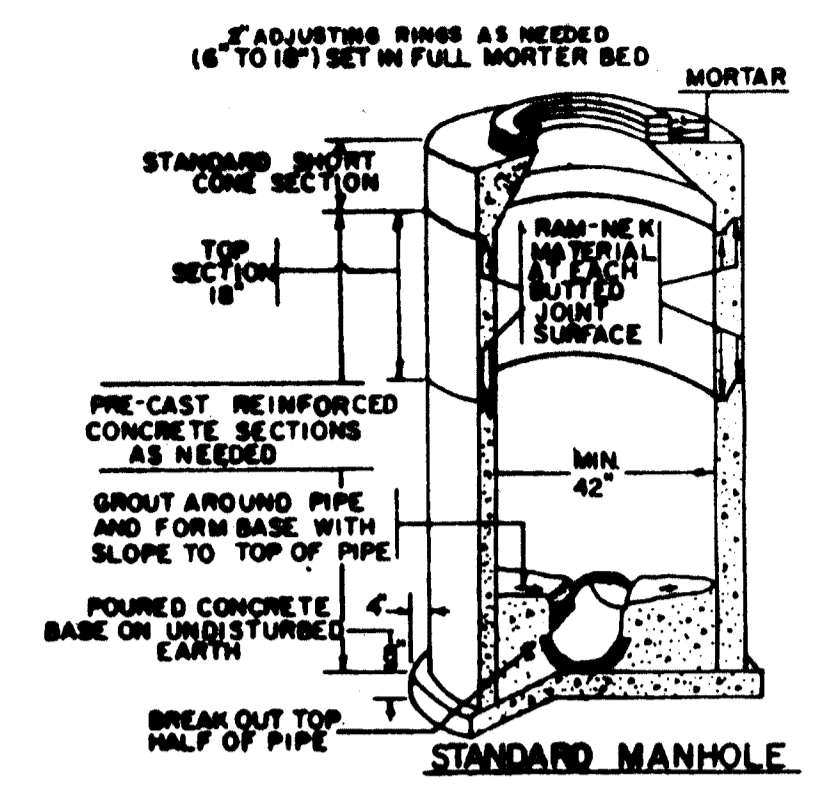
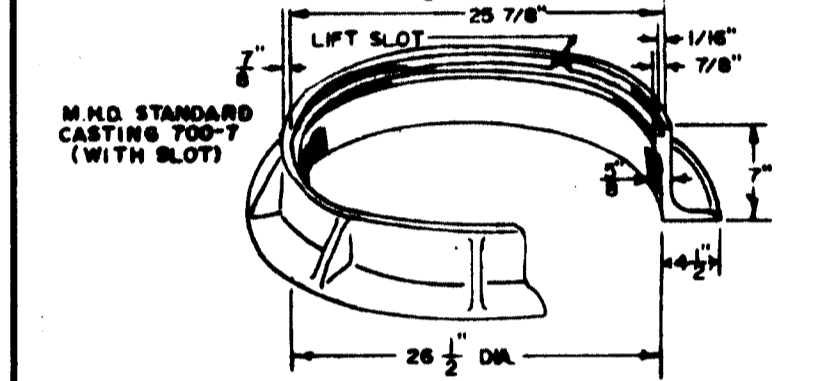
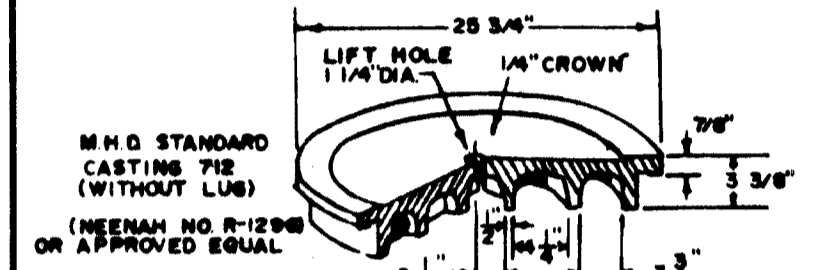
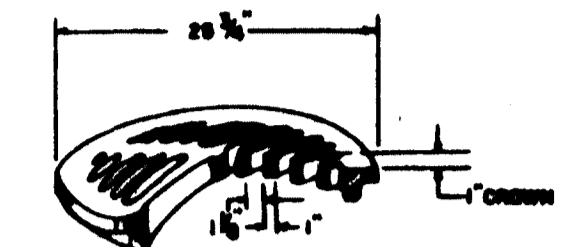
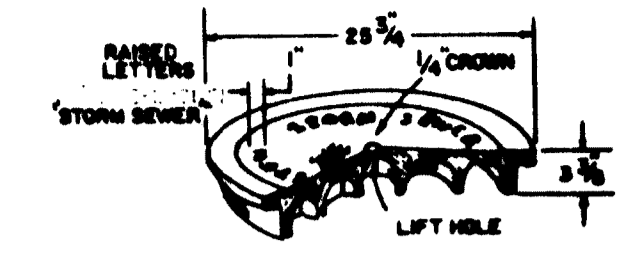
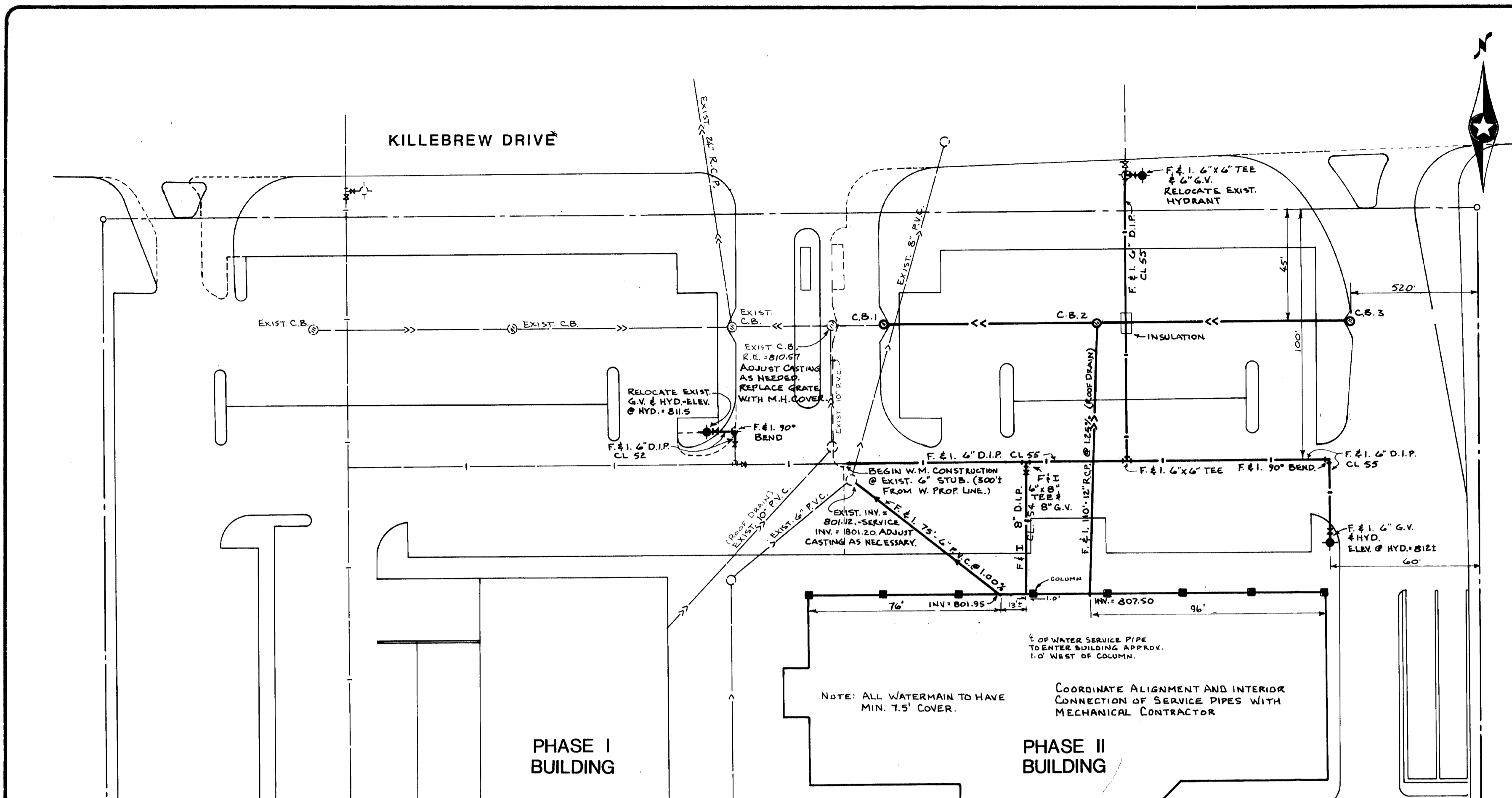
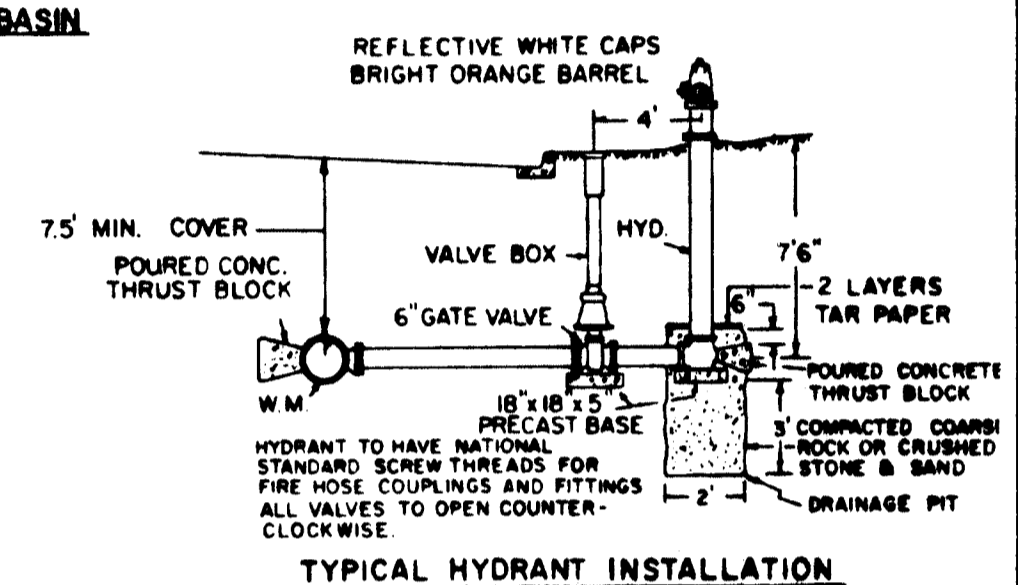
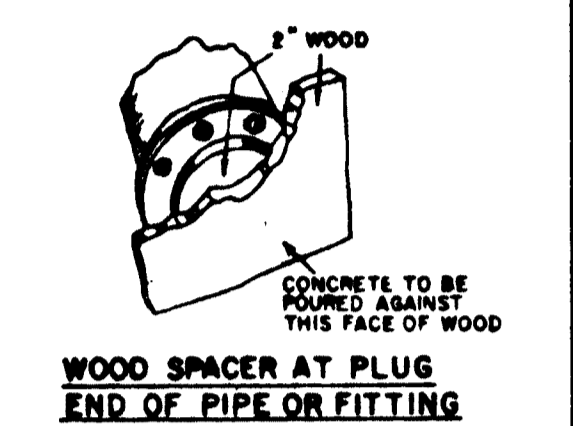
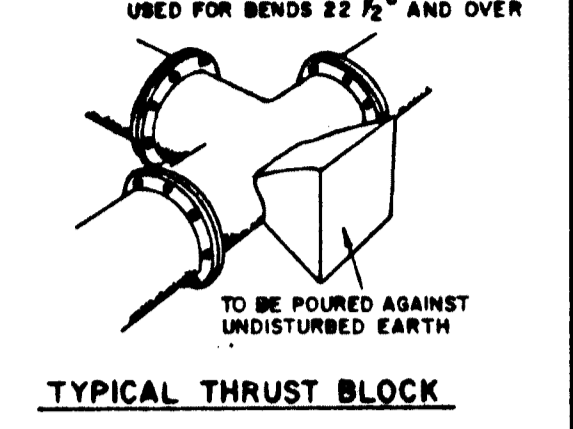


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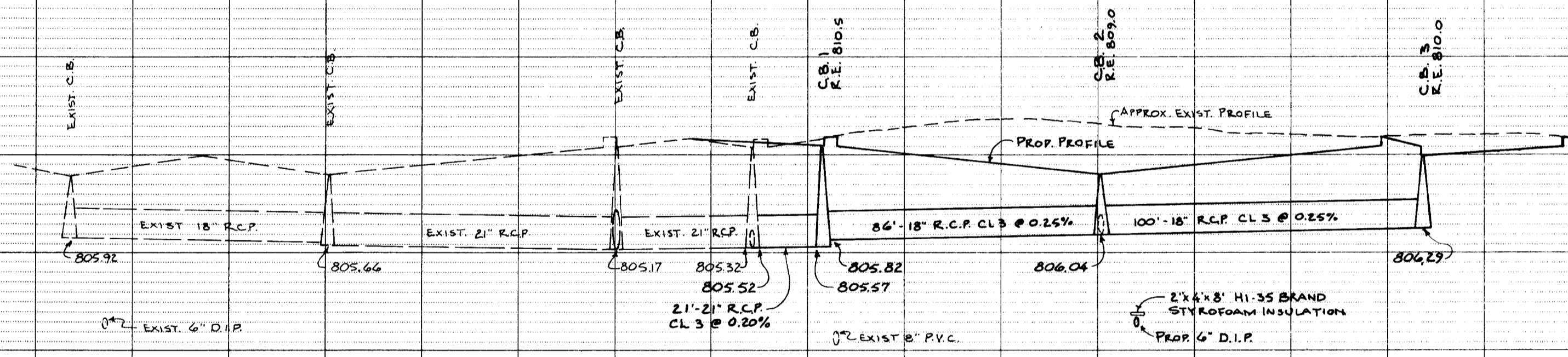


| PIPE SIZE | BEARING AREA |
|-----------|---------------|
| 6" | 2.25 SQ. FT. |
| 8" | 3.00 SQ. FT. |
| 12" | 6.75 SQ. FT. |
| 18" | 16.50 SQ. FT. |

NOTE: THRUST BLOCK TO BE USED FOR BENDS 22 1/2" AND OVER



ALL STORM SEWER TO BE CONSTRUCTED WITH R-4 GASKETS.
ALL WATERMAIN TO HAVE MINIMUM 7.5' COVER.



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DEC 10 1984
SUBURBAN ENGINEERING INC.

DATE: 8/22/84
DESIGNED BY: D.J.S.
DRAWN BY: D.J.S. / R.G.R.
CHECKED BY:
PROJECT FILE NO: SB3459

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE: 8/22/84 REG. NO. 1984

UBURBAN ENGINEERING
INC.
Minneapolis, Minnesota

REVISIONS

| DATE | DESCRIPTION |
|---------|--------------------|
| 8/22/84 | ISSUED FOR PERMITS |

OWNER
B.L.N. ASSOCIATES

PROJECT
B.L.N. OFFICE BUILDING
PHASE II

SHEET TITLE
UTILITY PLAN
(NORTH)

SHEET 4 of 5 SHEETS
SCALE