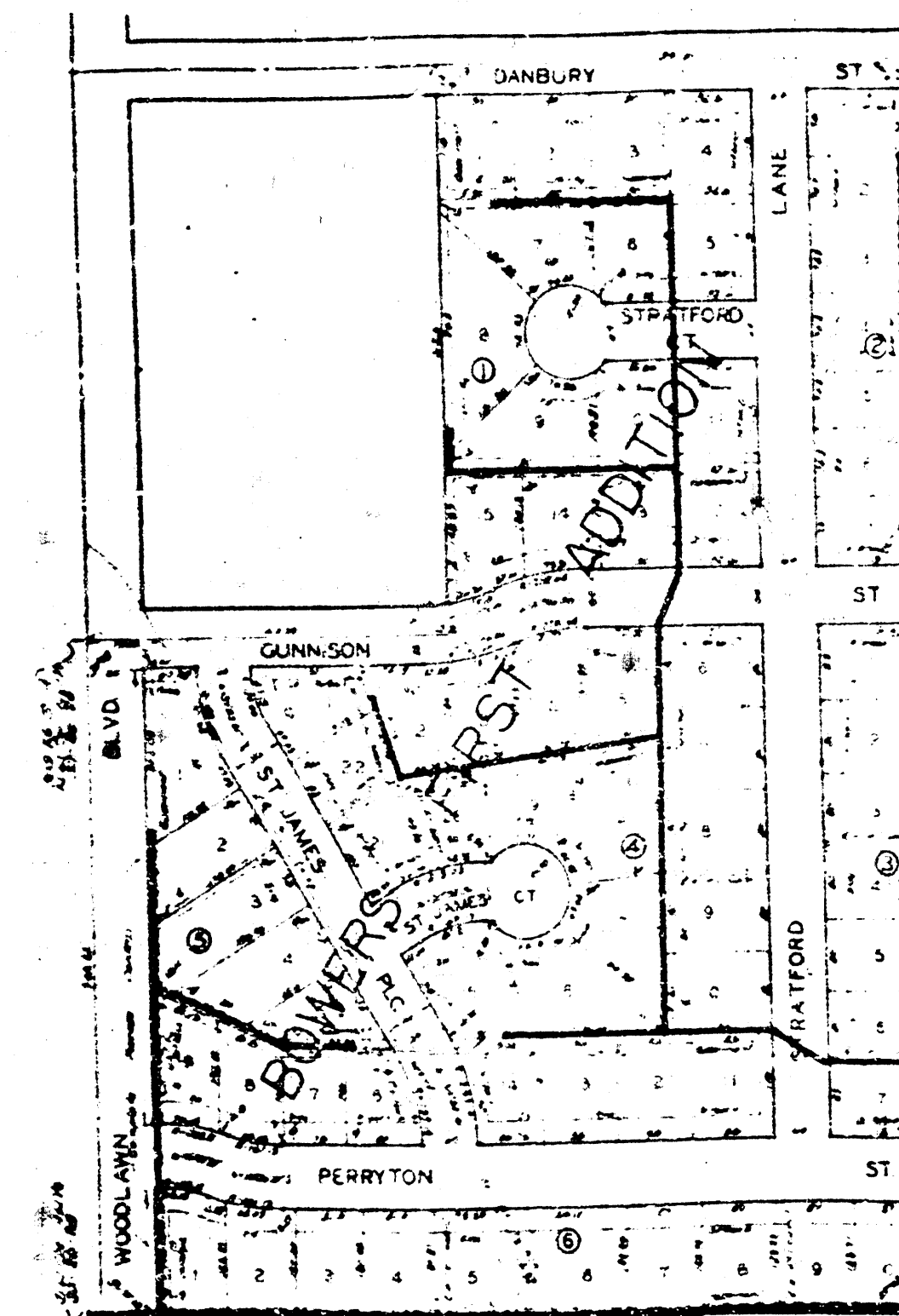


PLANS

SANITARY SEWER SYSTEM

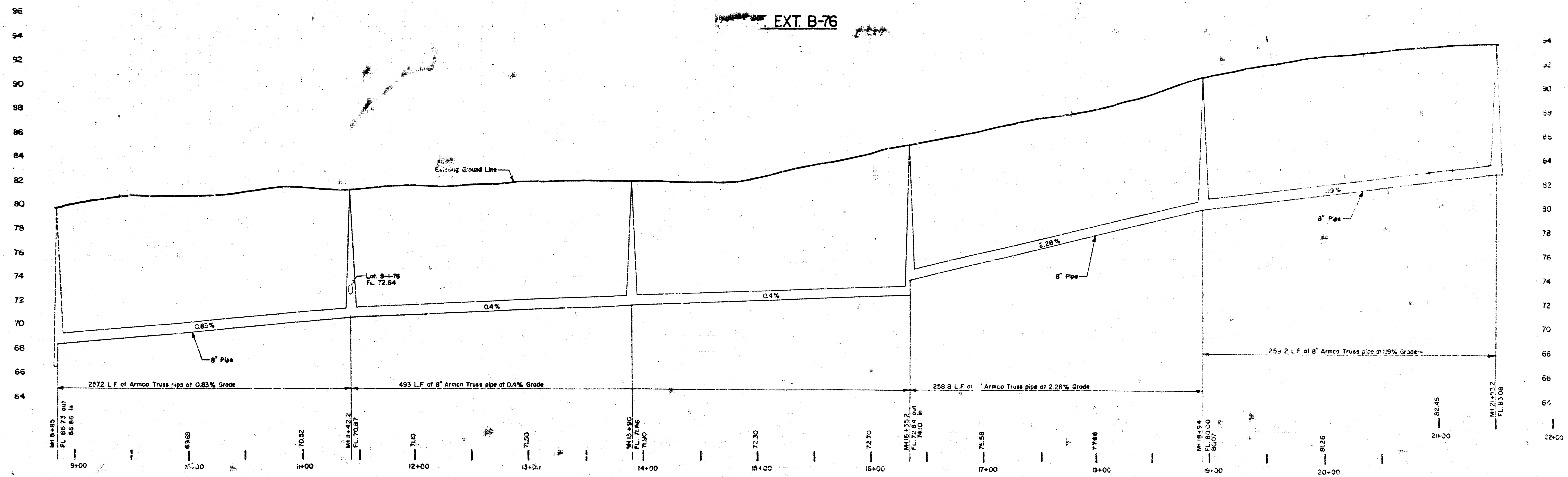
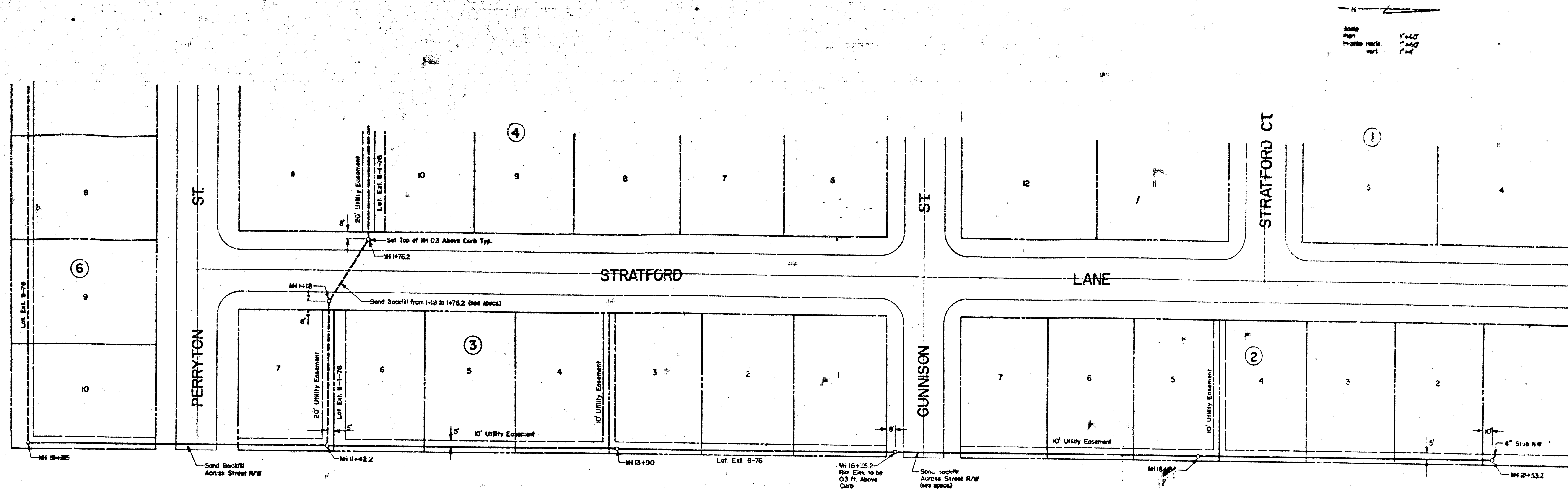
PROJECT NO. DBKW 706057



11-9-73
247
11-9-73
11-9-73
11-9-73
11-9-73

NOTE TO OWNER
This project is for the
sanitary sewer system
and is not to be used
for any other purpose
without the approval
of the City of Danbury.

DEISS & COMPANY ENGINEERS
2100 WEST 21ST AVENUE
WICHITA, KANSAS 67201
(913) 633-7231



10-21-74
10-26-74 REM 10-4-74
11-1-74

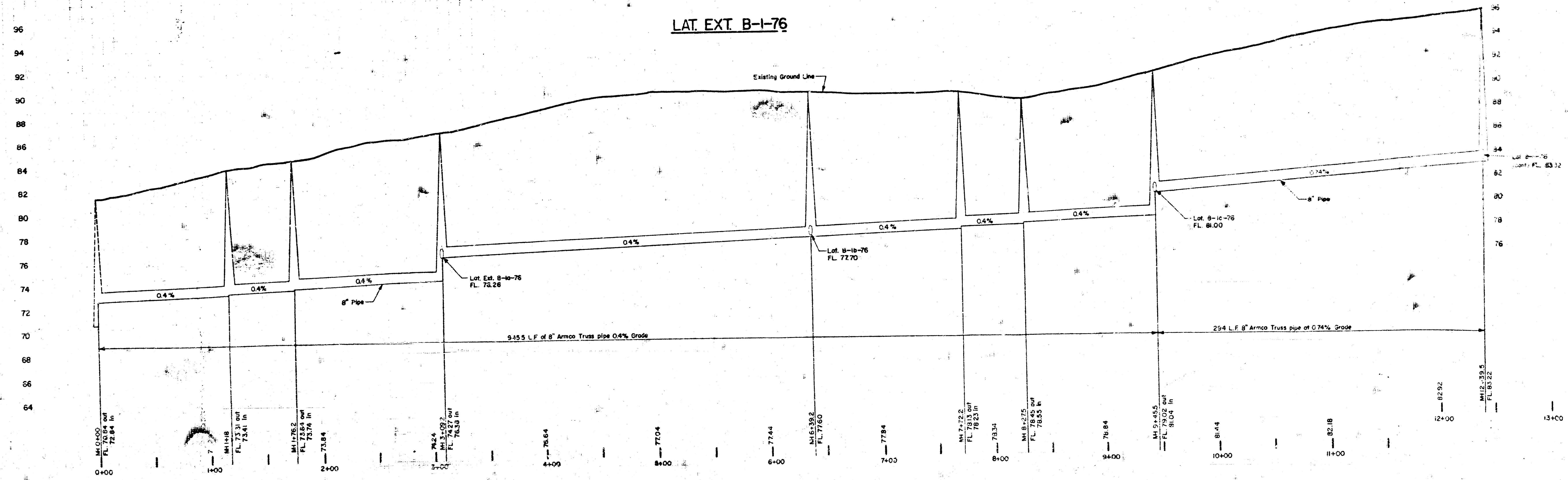
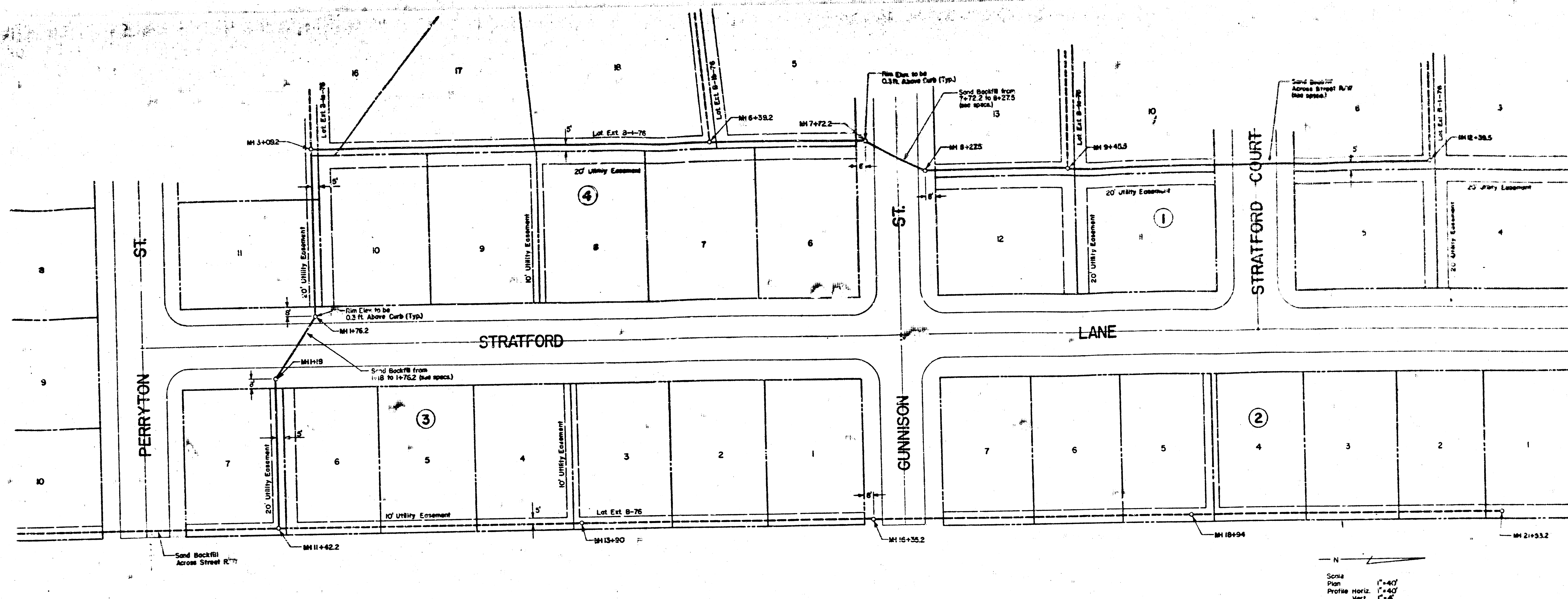
K.HILL

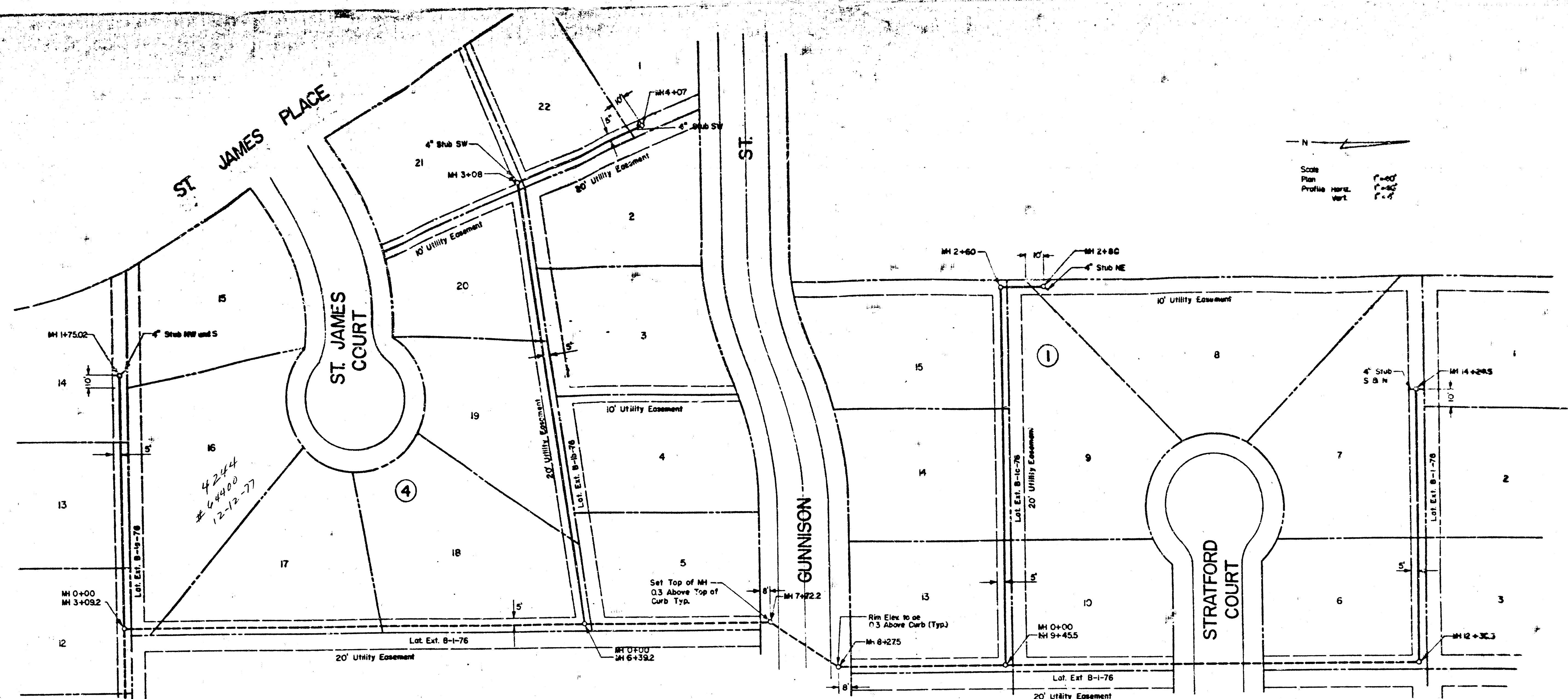
Sanitary Sewer Extension

Bel Air Imp. Dist.

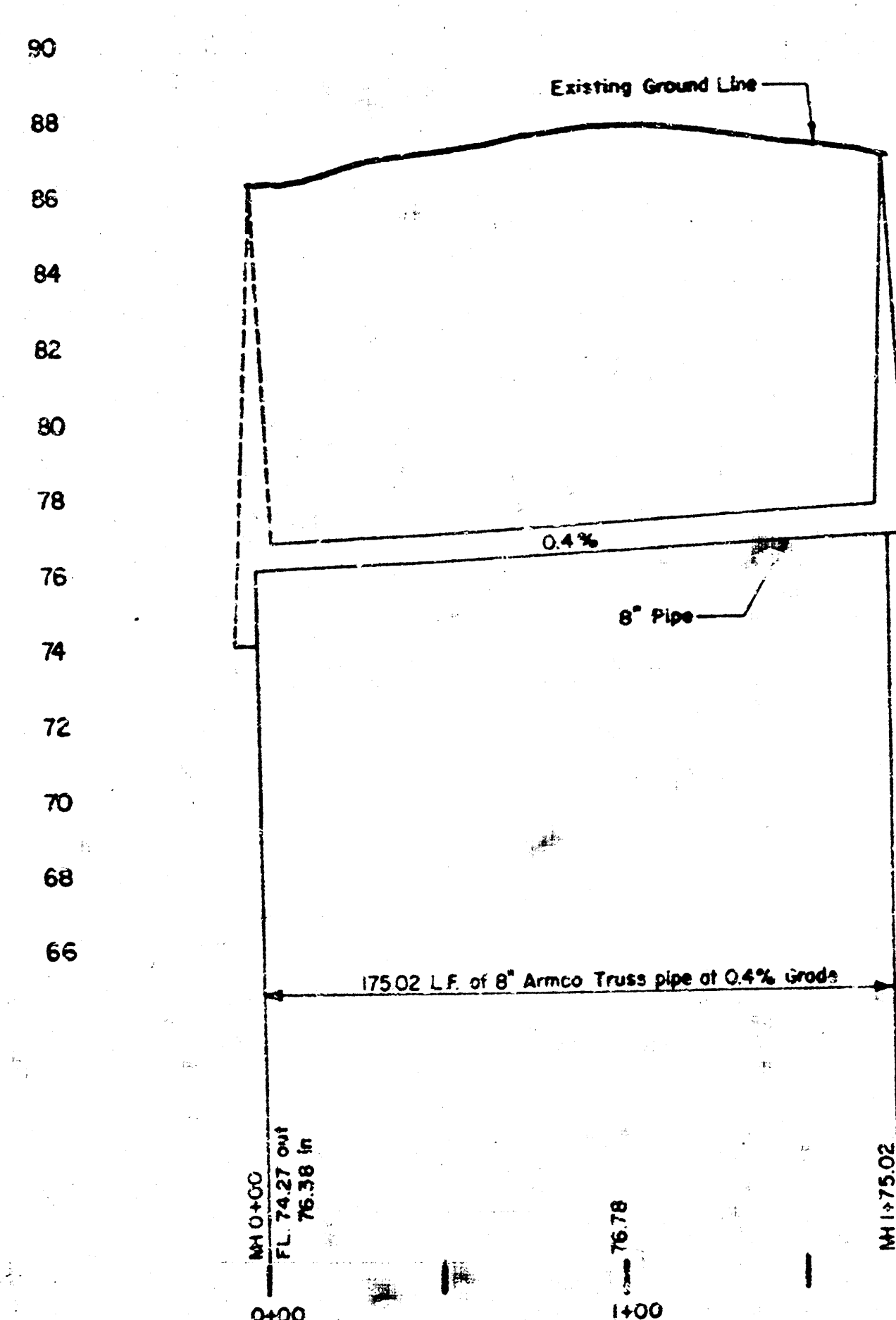
Bowers 1st Add.

3 8
SEW-2876

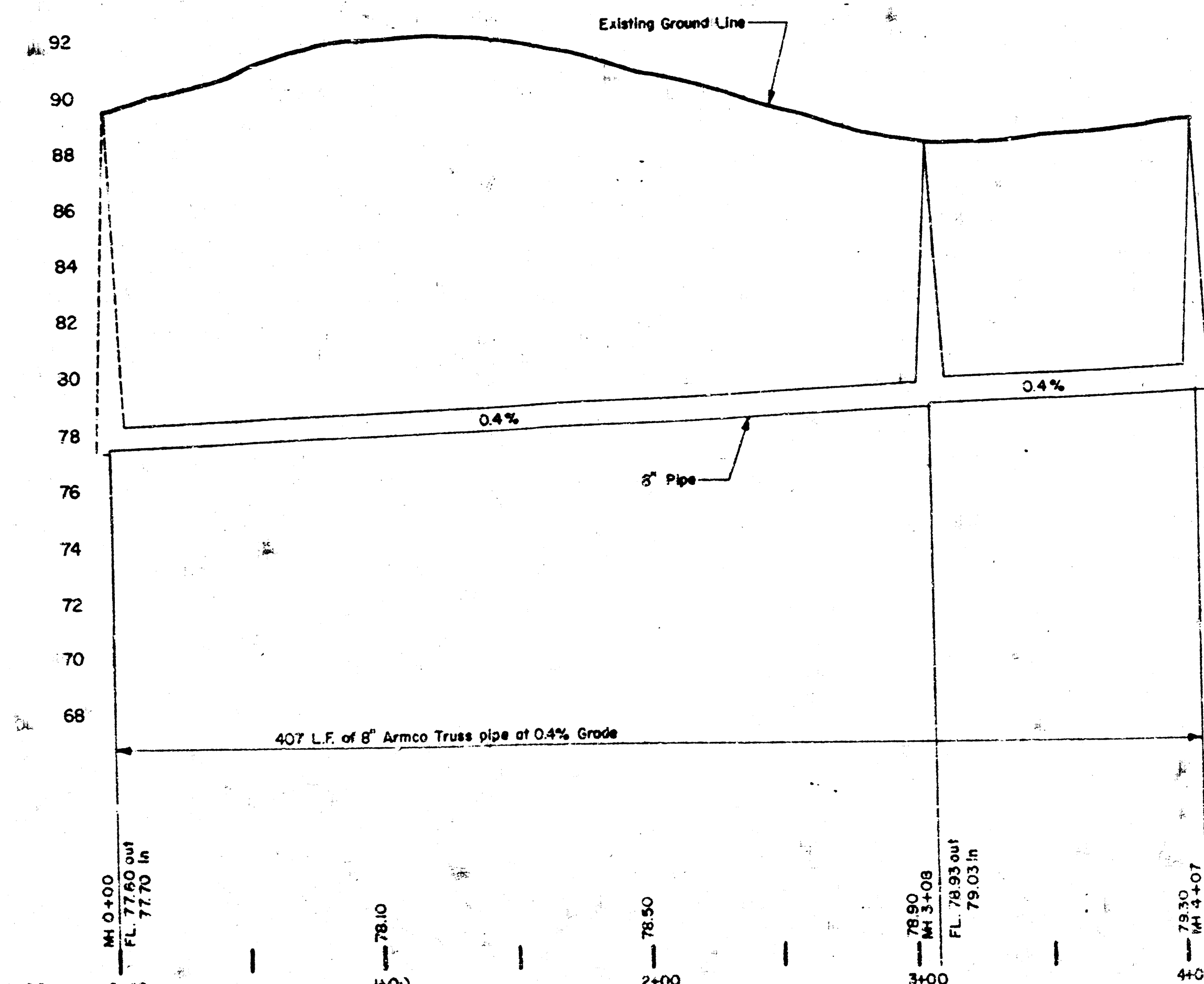




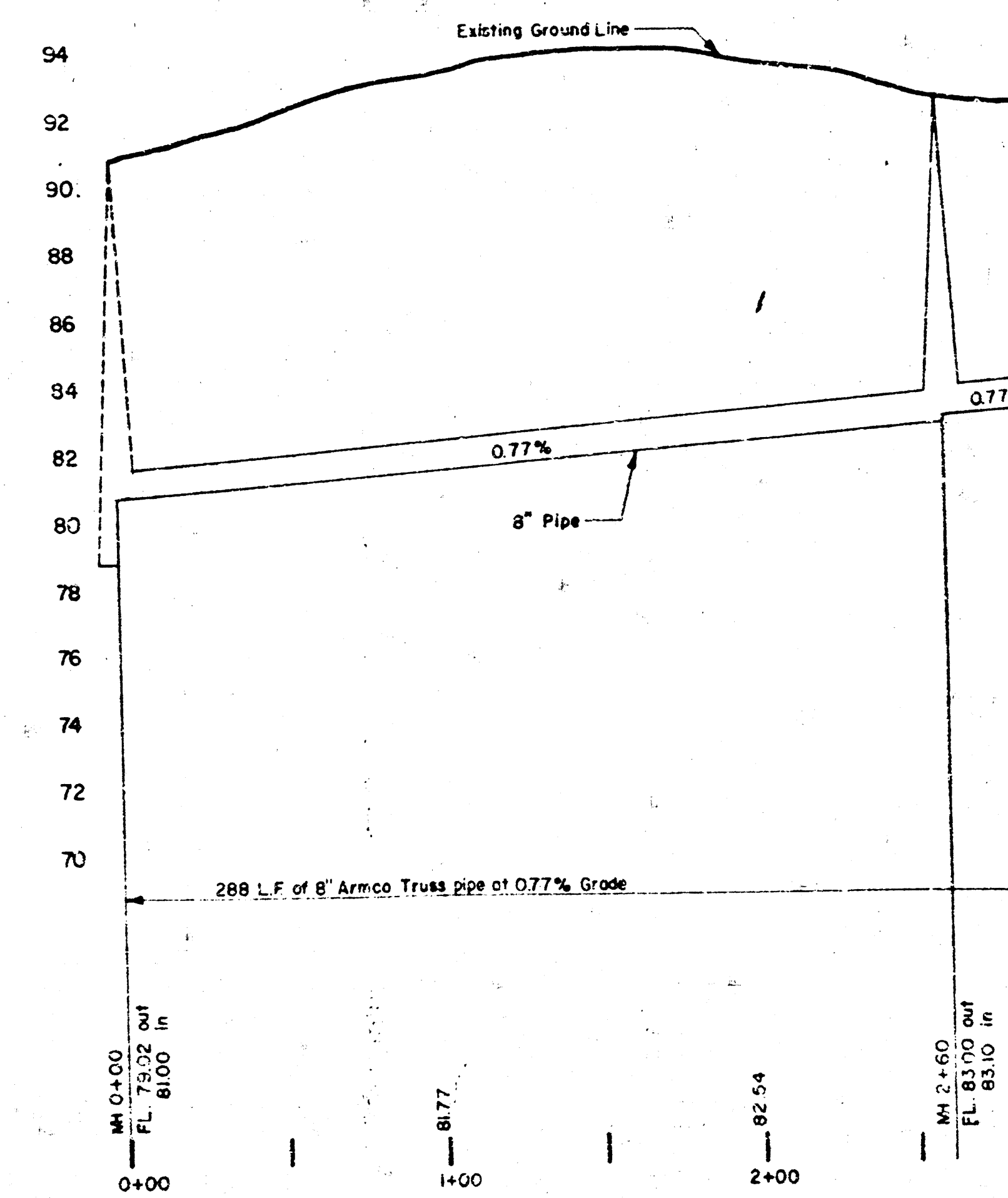
LAT. EXT. B-1a-76



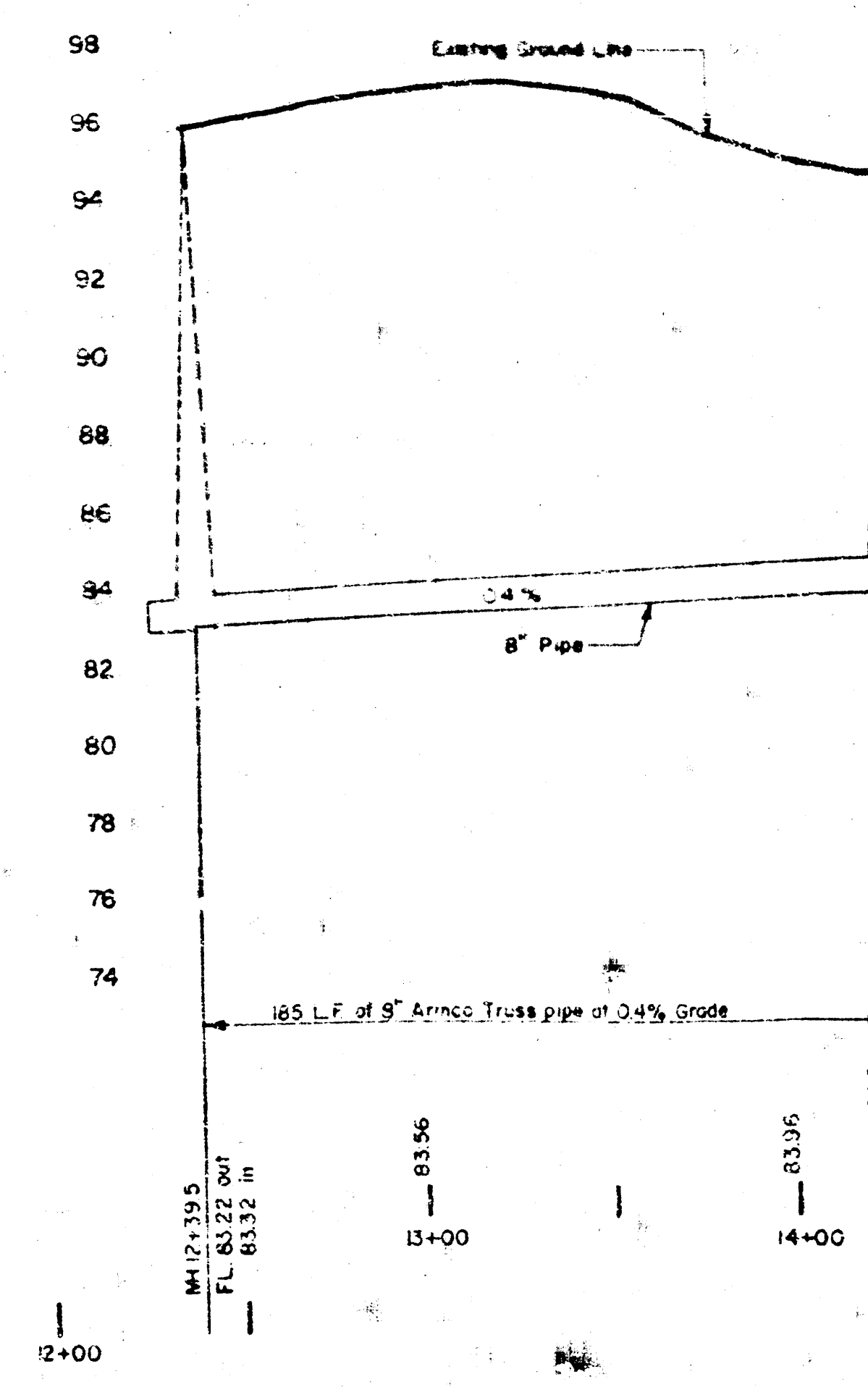
LAT. EXT. B-1b-76



LAT. EXT. B-1c-76



LAT. EXT. B-1-76 (cont)



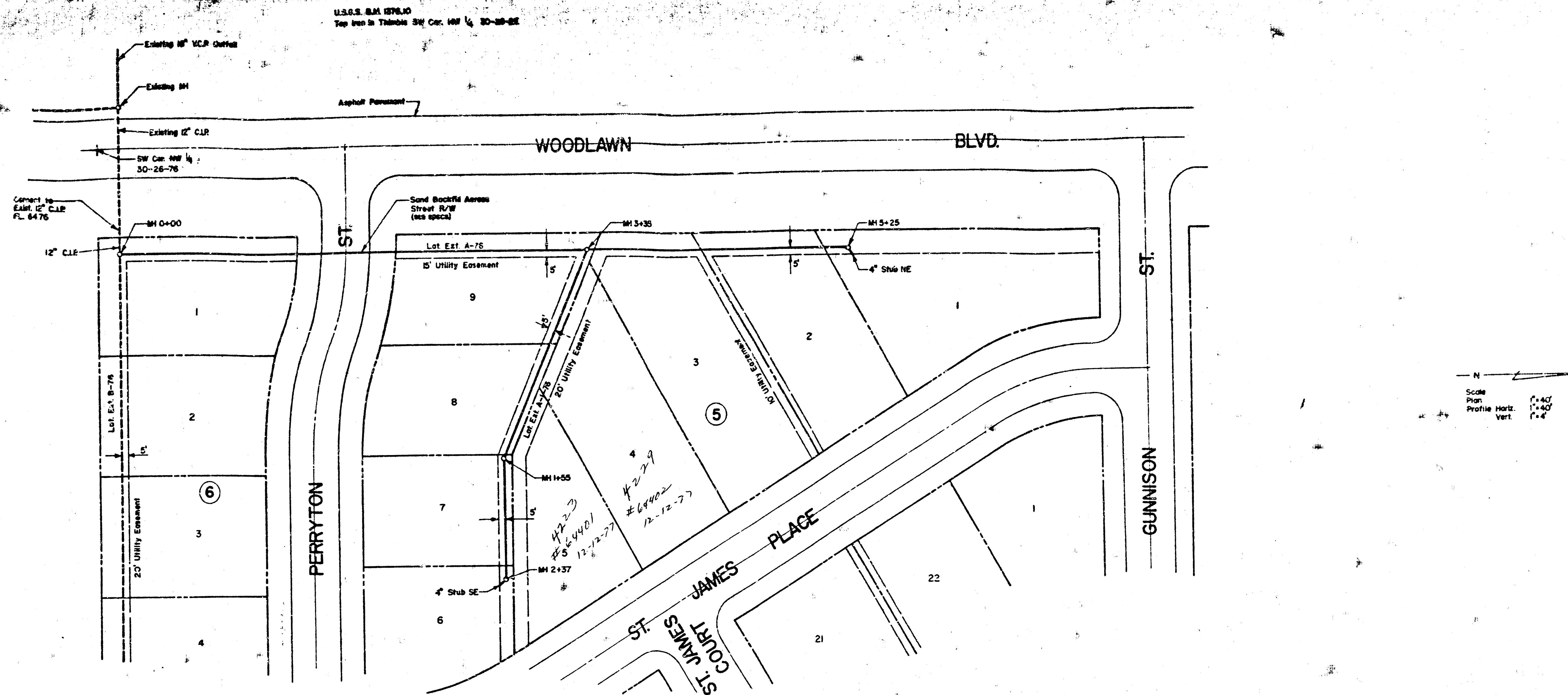
10-20-76
10-27-76 REM. P-20-76
11-2-76

K. Hill

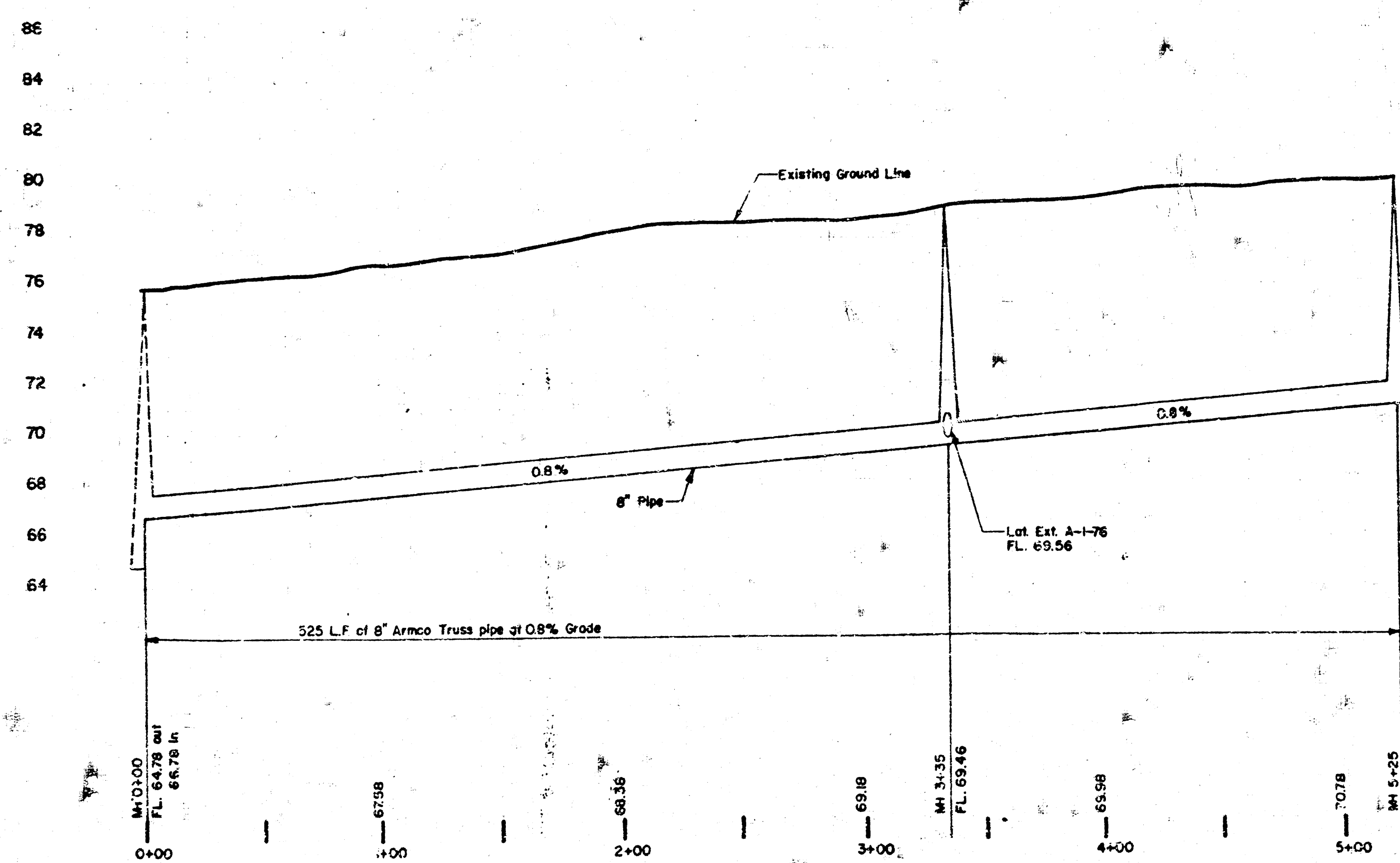
Sanitary Sewer Extension

Downers 1st Add. Del. by Insp. Dist.

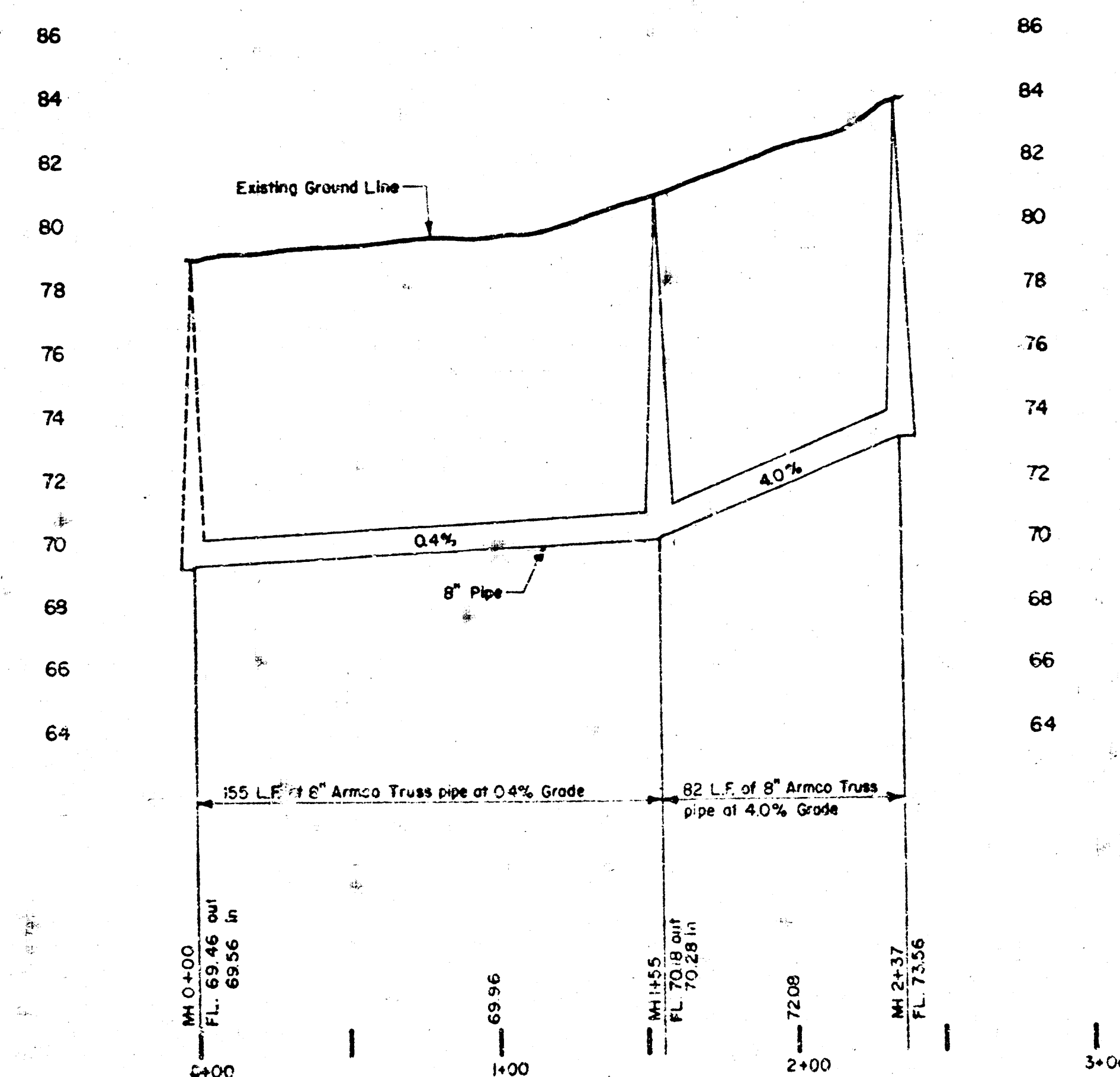
Var. LEW-6876
10-23-76



LAT. EXT. A-76



LAT. EXT. A-176



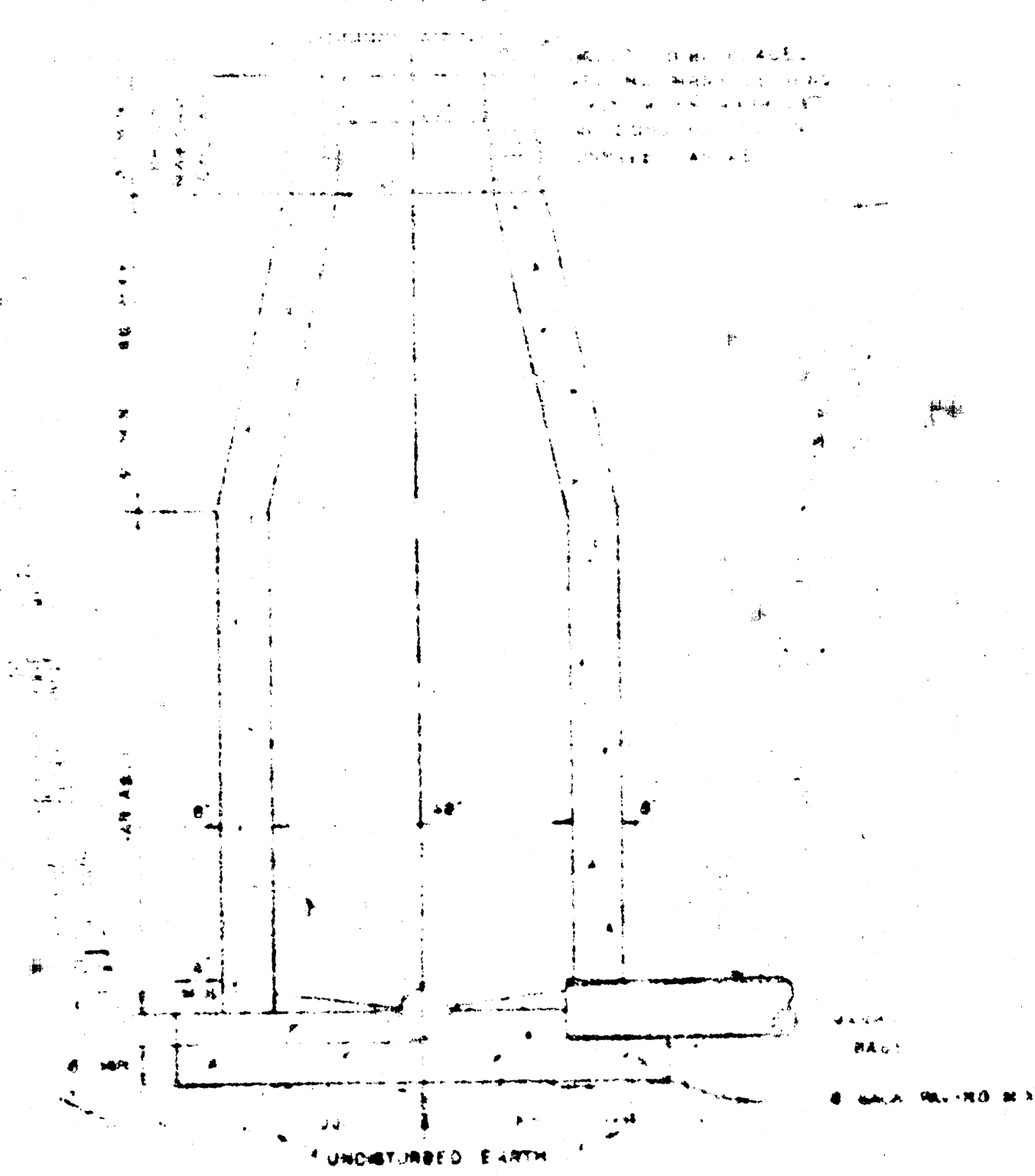
10-21-76
11-1-76 10-26-76 R.E.M. 9-21-76
11-9-76 11-2-76

Sanitary Sewer Extension

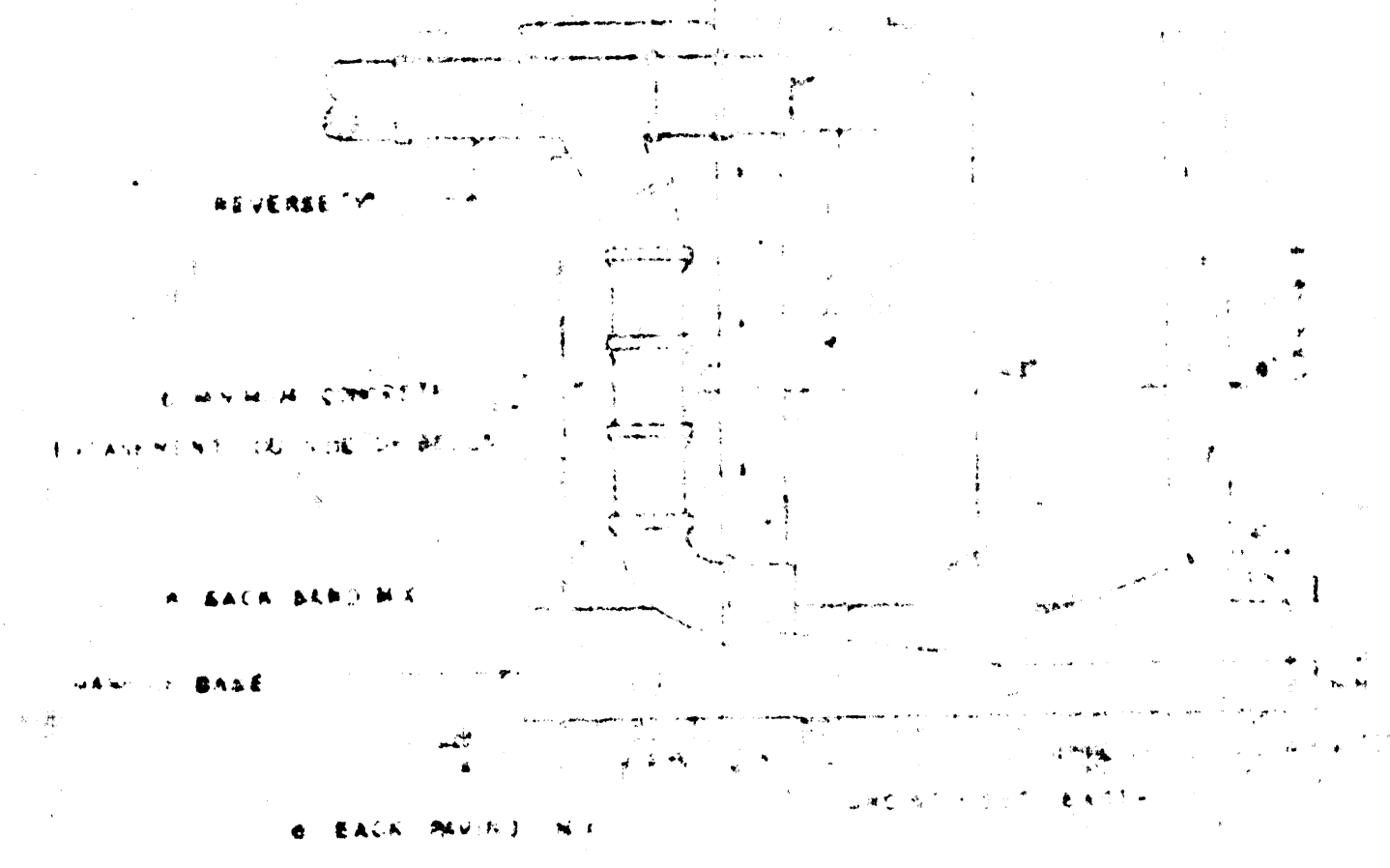
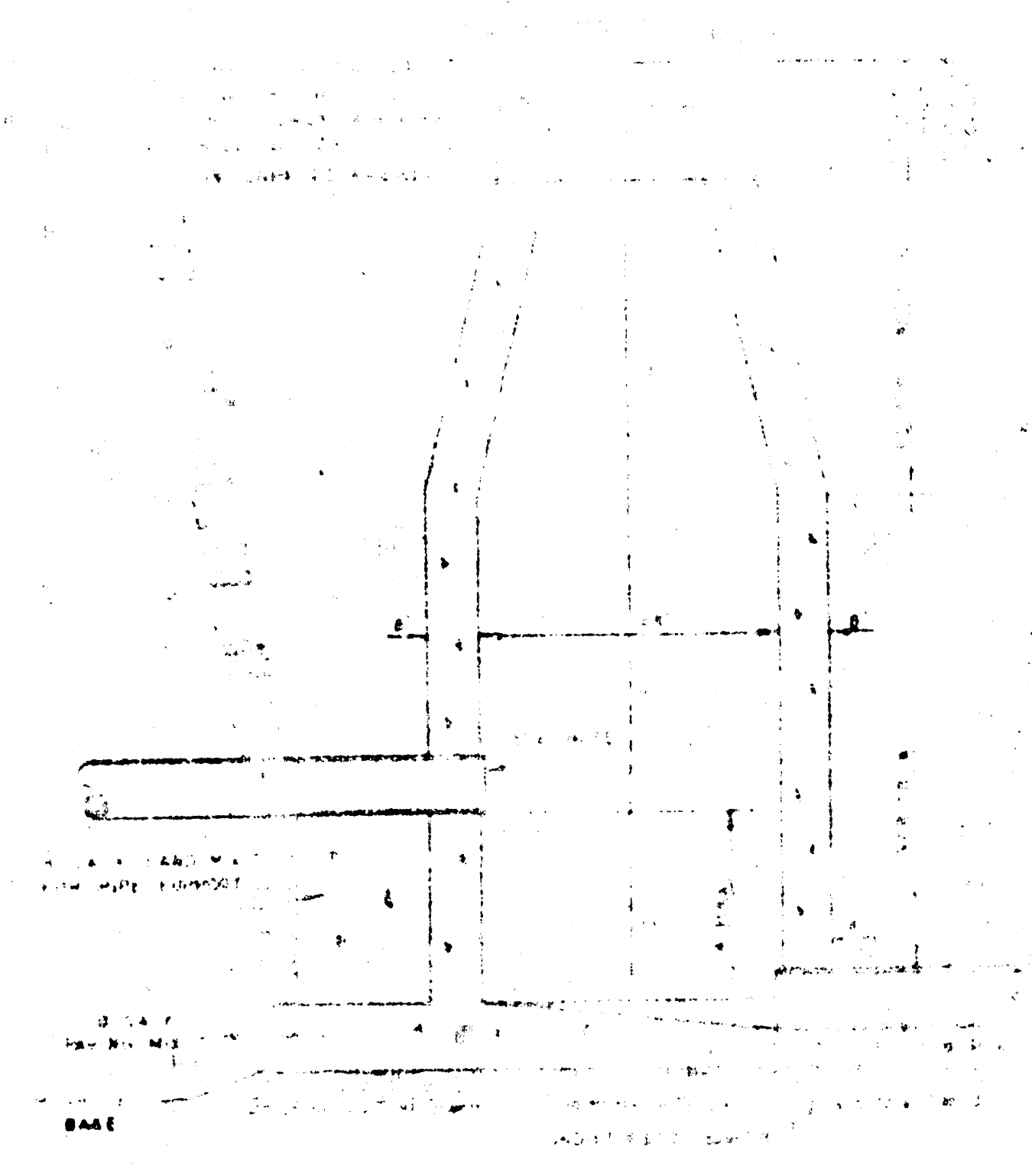
Bowers 1st Add. Pol. Air Imp. Dist.

Ver. 10-21-76
10-21-76

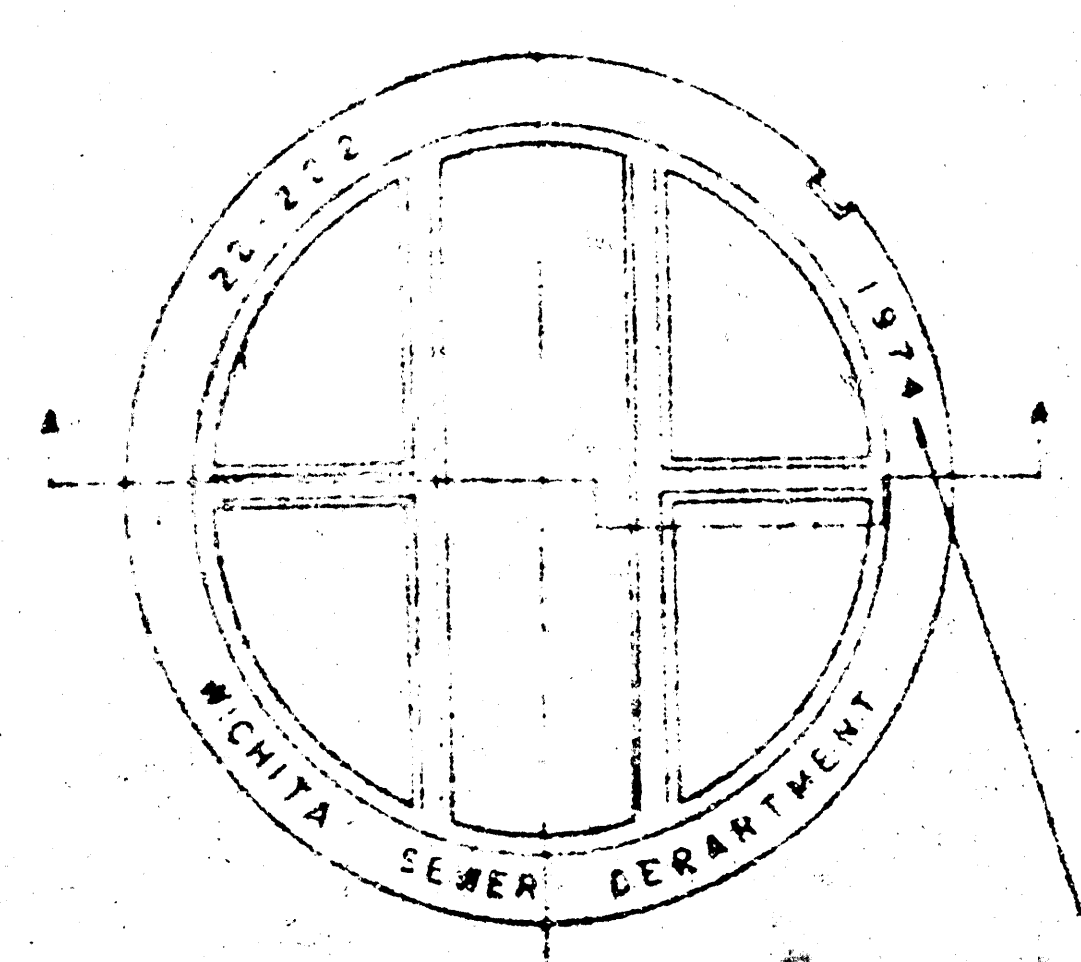
STANDARD MANHOLE, TYPE 12



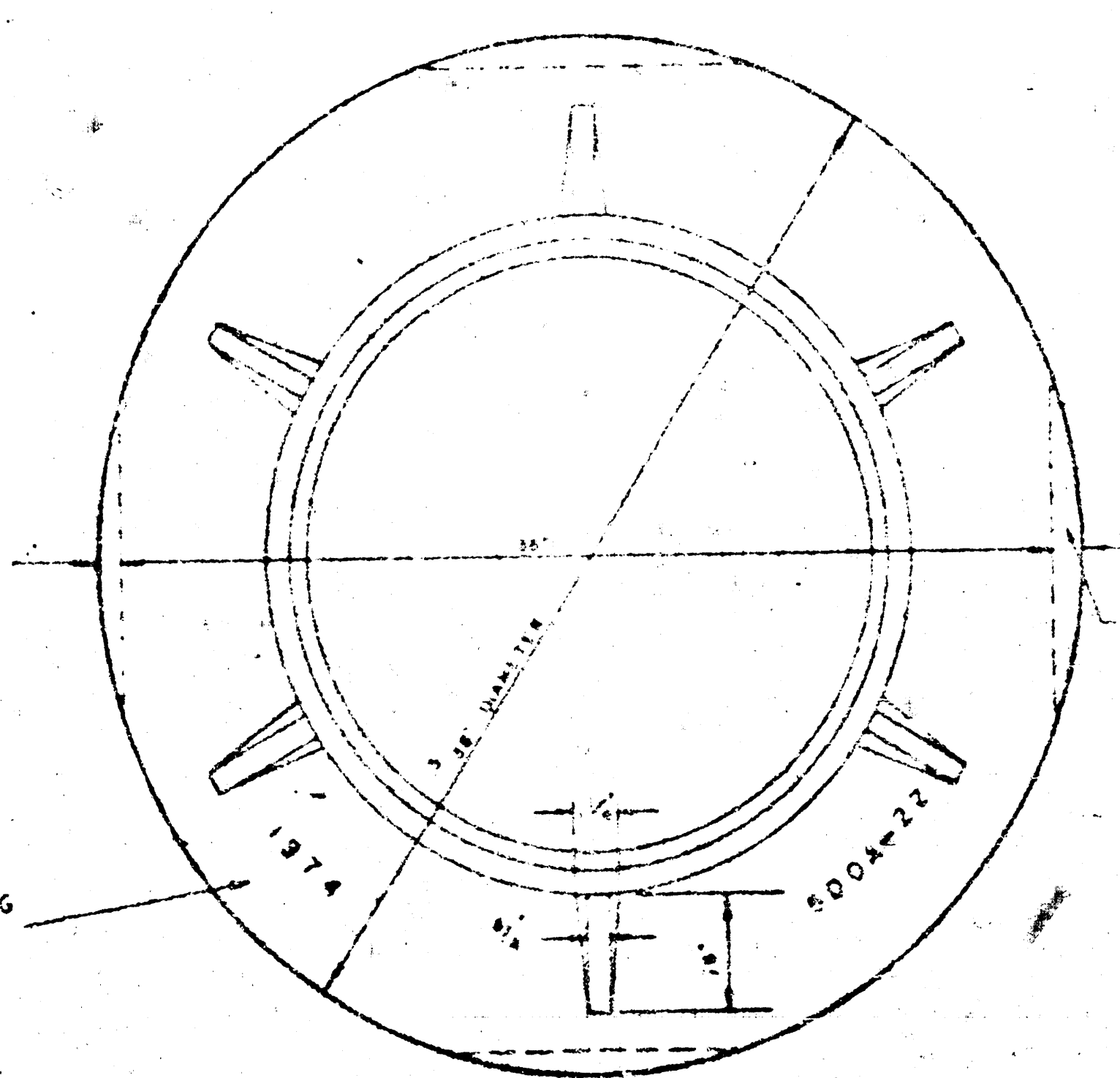
SEWER APPURTENANCES



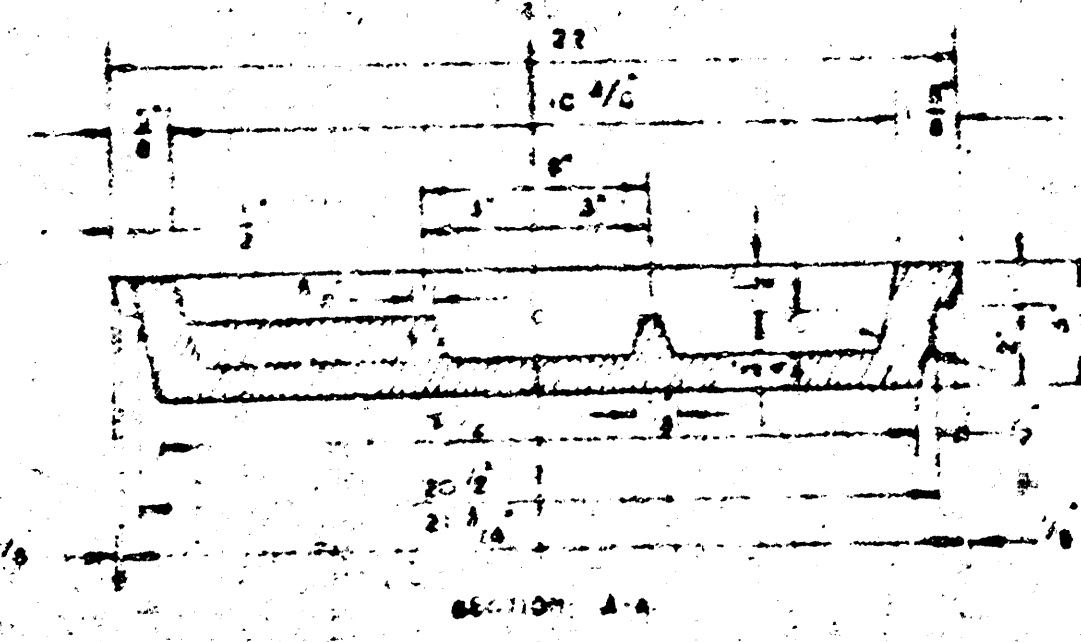
GENERAL NOTES
 1. ALL MANHOLES SHALL BE CAST IN PLACE CONCRETE.
 2. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 3. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 4. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 5. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 6. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 7. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 8. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 9. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.
 10. THE TOP OF ALL MANHOLES SHALL BE AT THE SAME ELEVATION AS THE SURFACE OF THE GROUND.



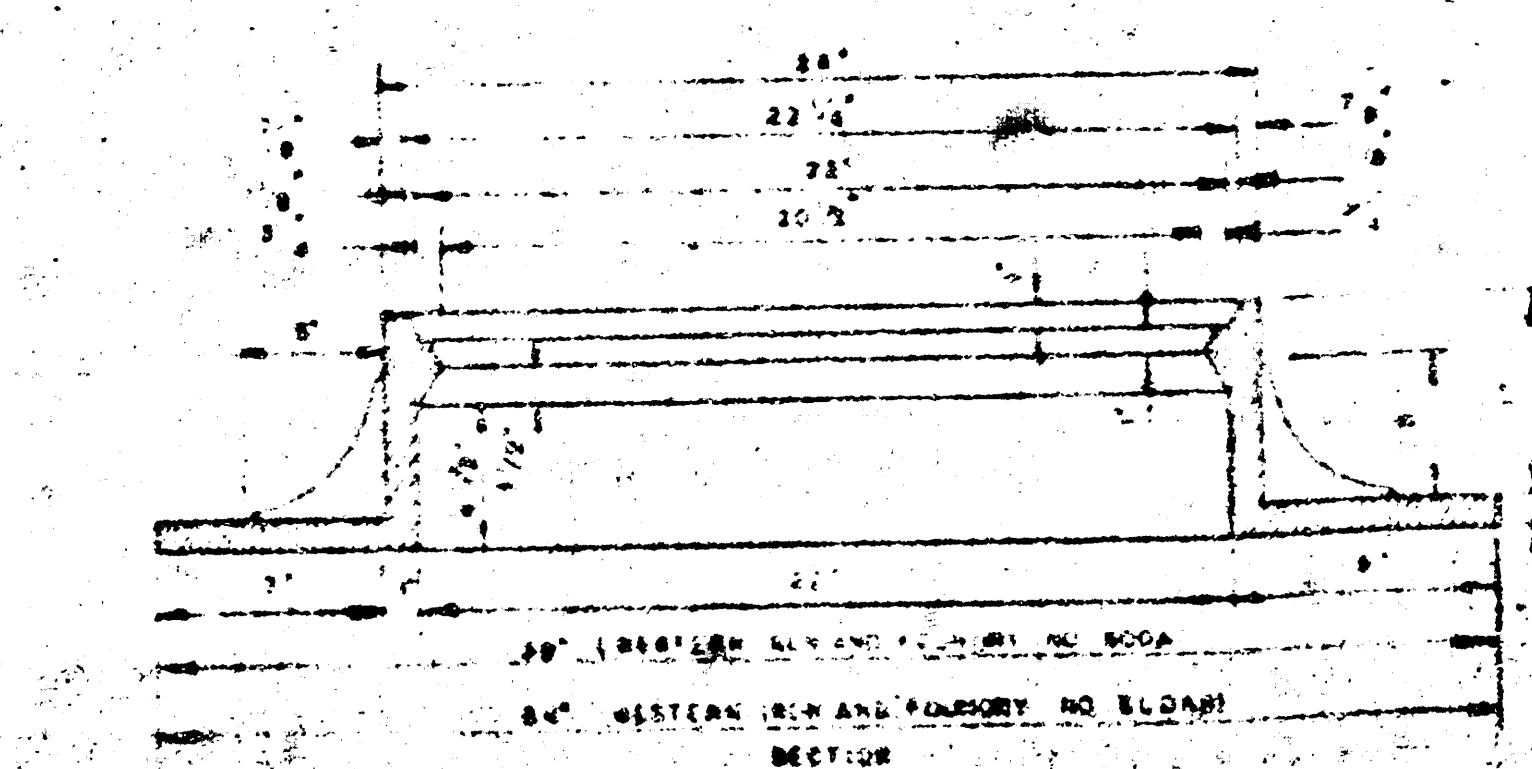
MANHOLE COVER



MANHOLE RING



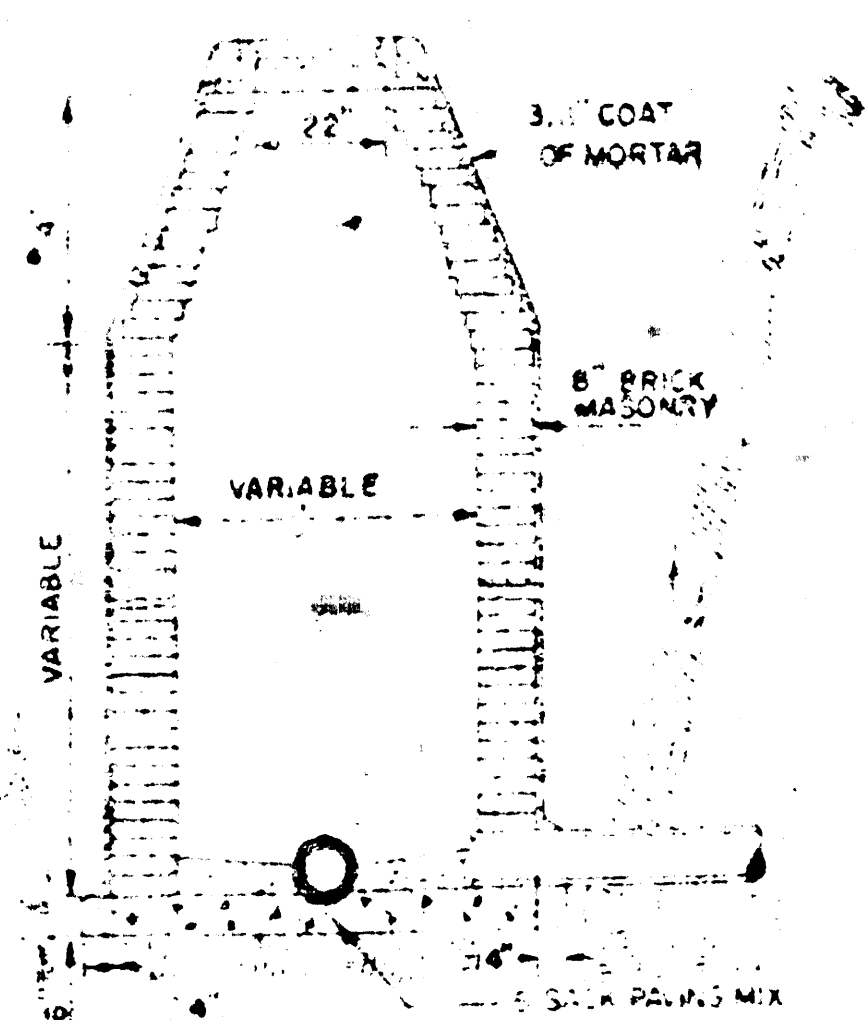
MANHOLE COVER



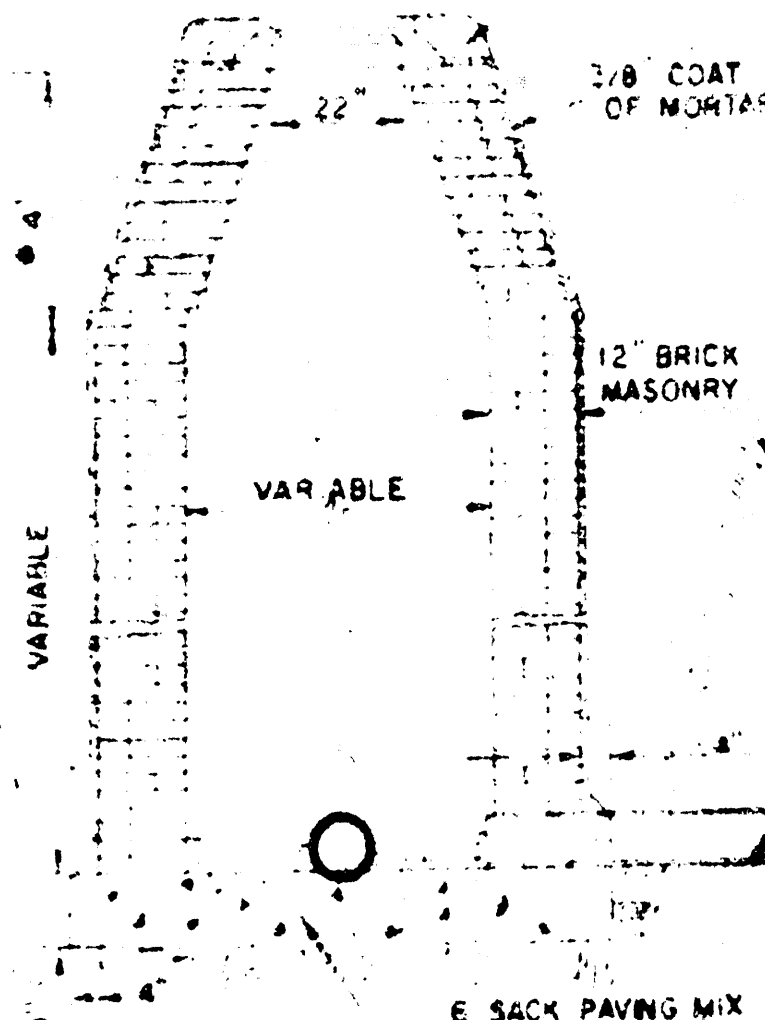
MANHOLE RING

NOTE: OPENING FOR INLET PIPE
 CUT IN MANHOLE WALL AND PIPE
 GROUTED IN PLACE WITH NON-
 SHRINKING GROUT. EXTERIOR
 OF COMPLETED CONNECTION TO
 BE SEALED WITH APPROVED
 COATING.

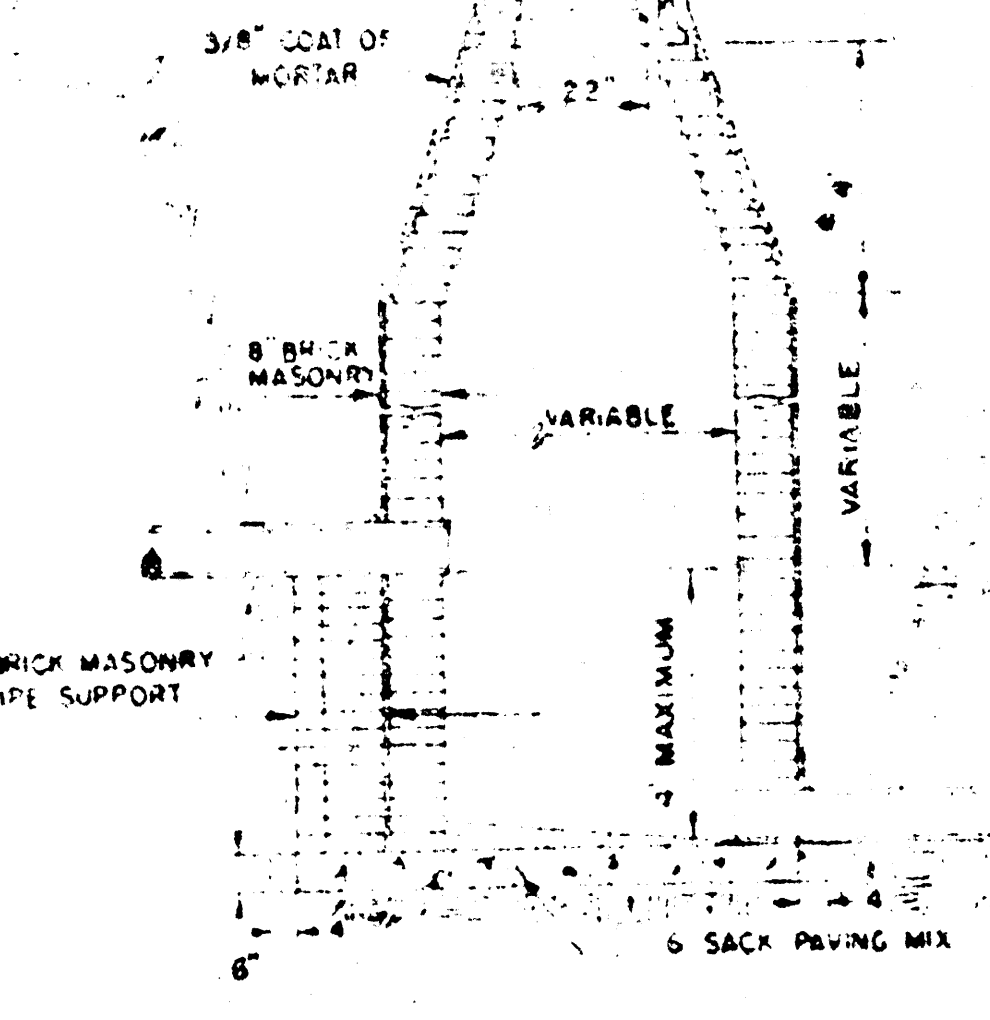
DETAILS OF
 SEWER APPURTENANCES
 ADOPTED AS STANDARD DESIGN
 BY
 ENGINEERING DIVISION
 CITY OF WICHITA, KANSAS
 R. W. LINN CITY ENGINEER
 1974



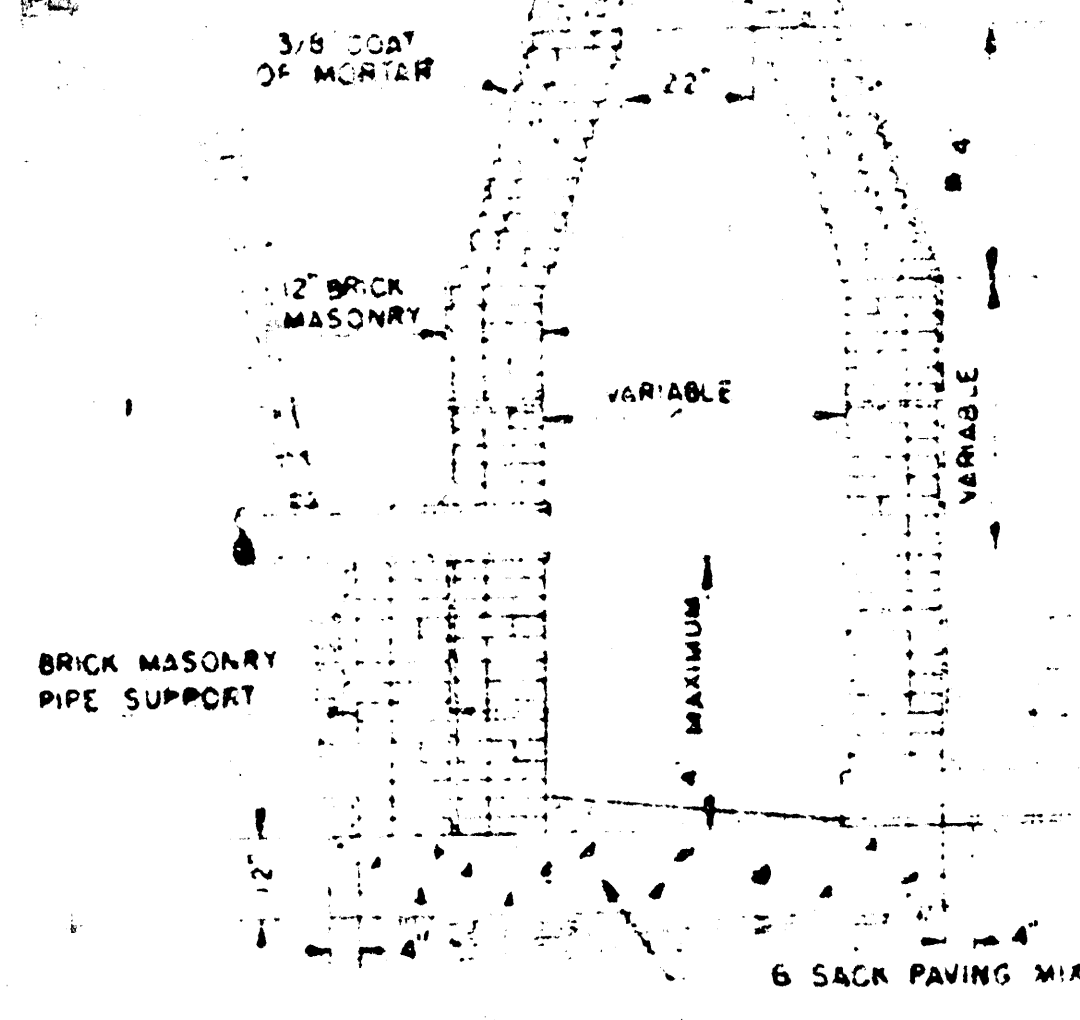
STANDARD MANHOLE
TYPE "A"



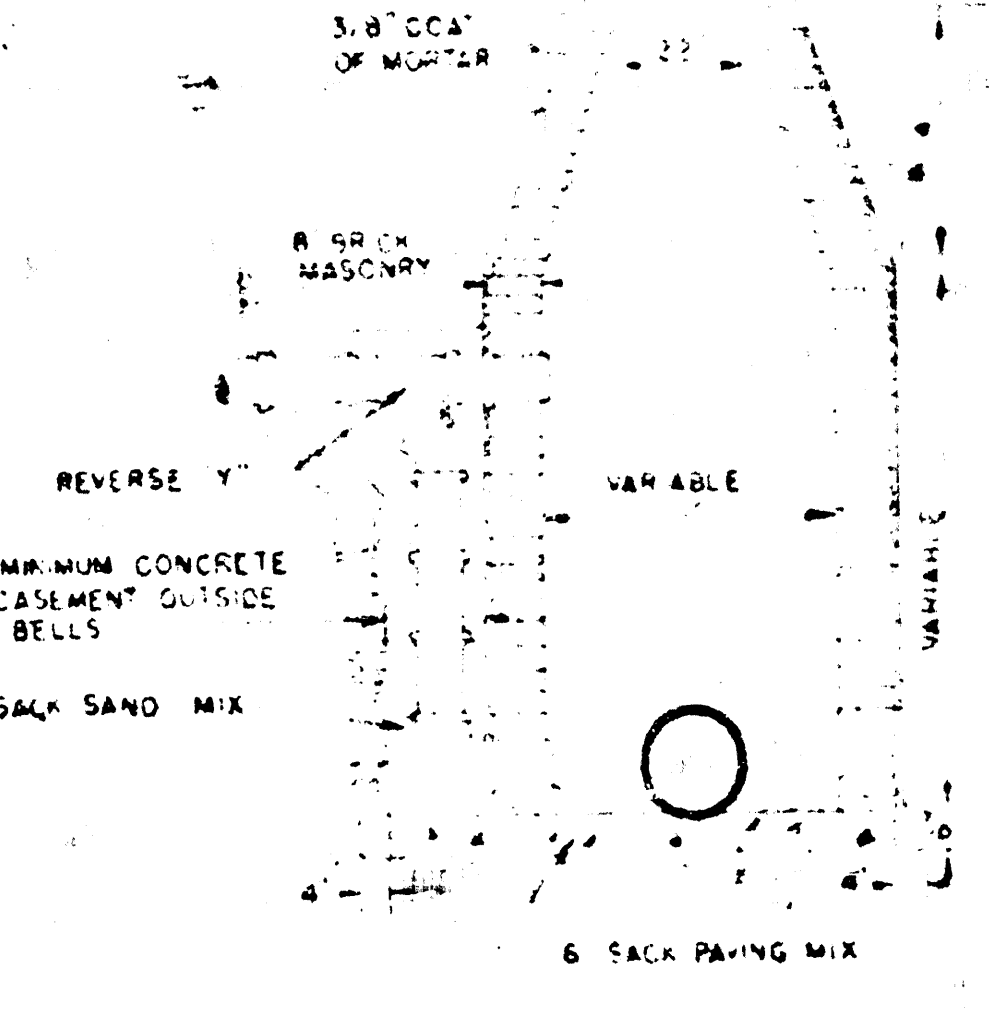
STANDARD MANHOLE
TYPE "B"



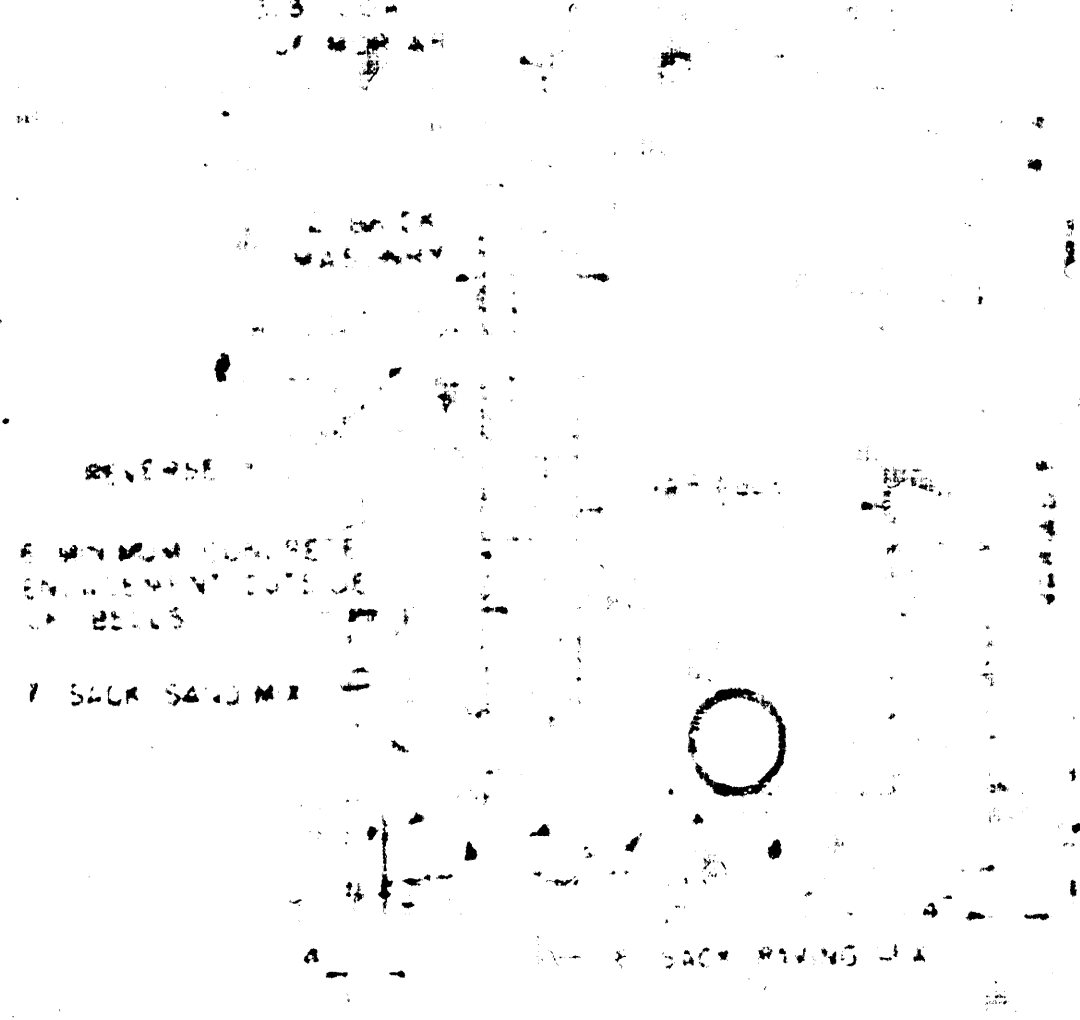
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

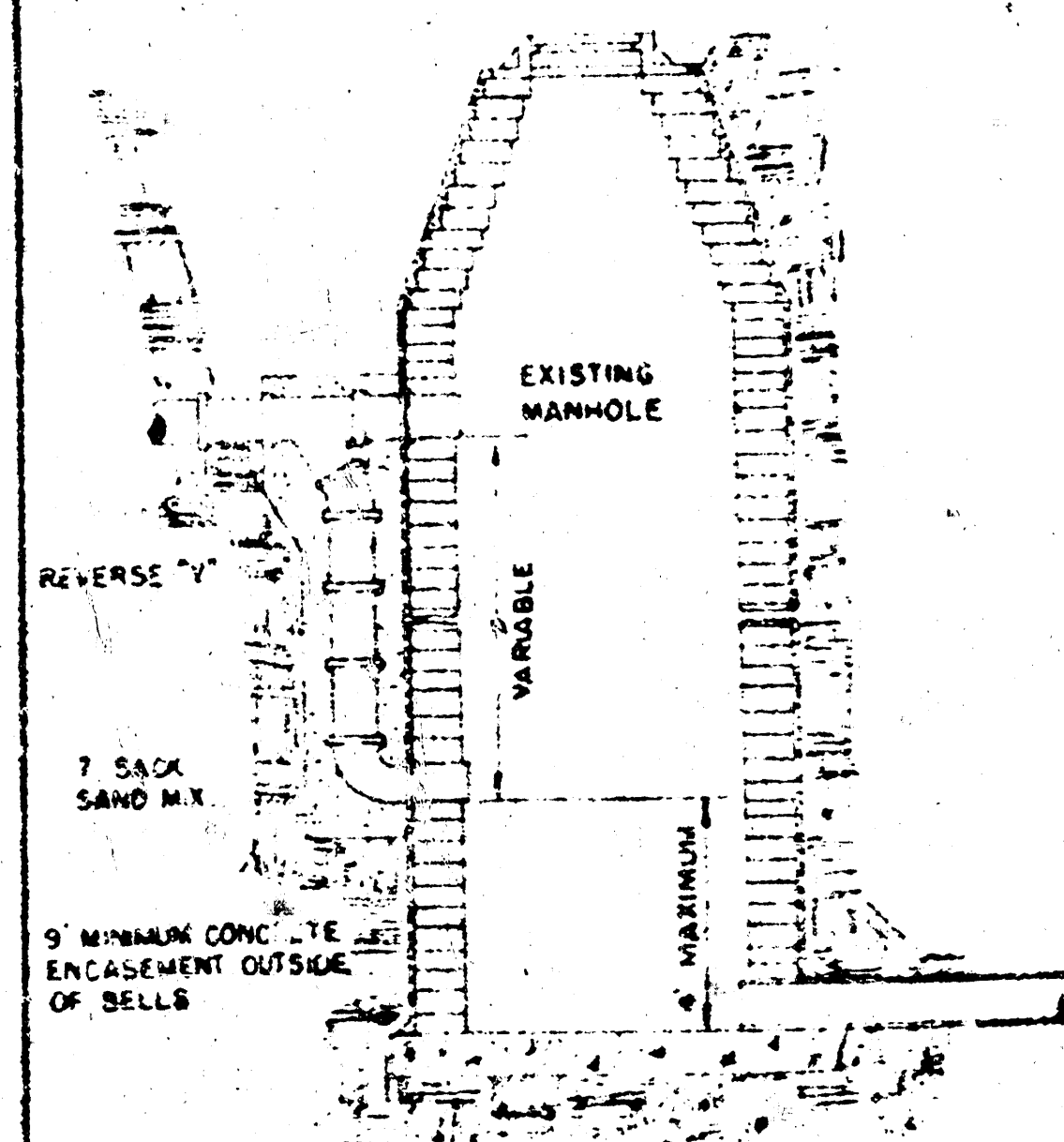


OUTSIDE DROP MANHOLE
TYPE "A"

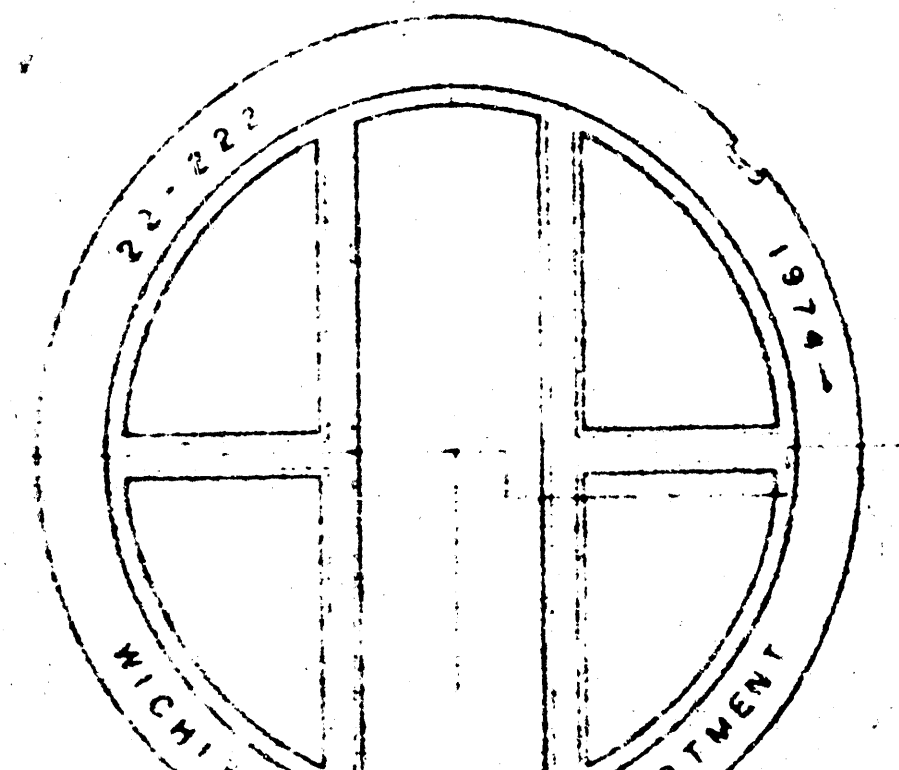


OUTSIDE DROP MANHOLE
TYPE "B"

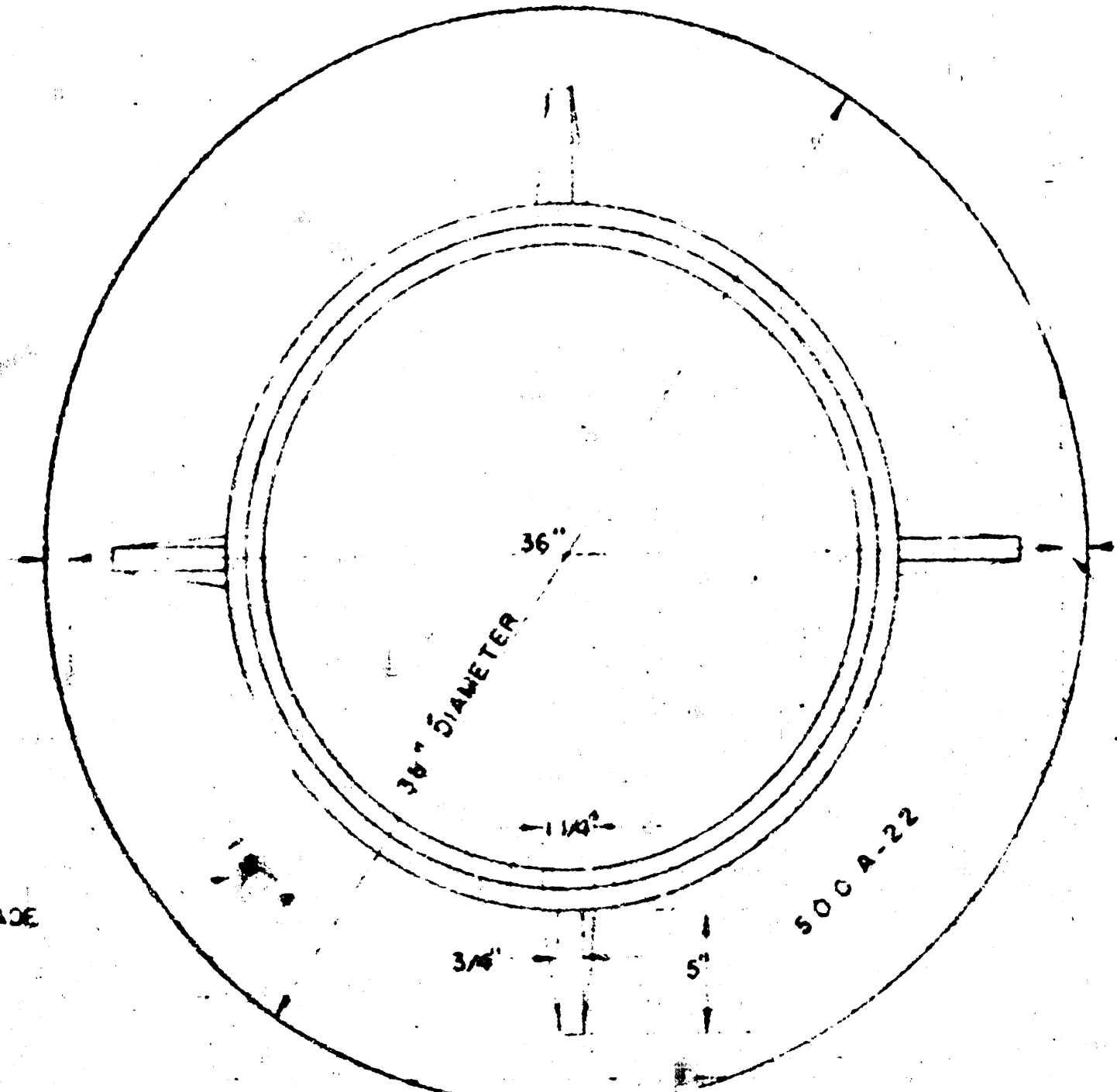
* DRAW = 6' ON 5' DIA. M.H.



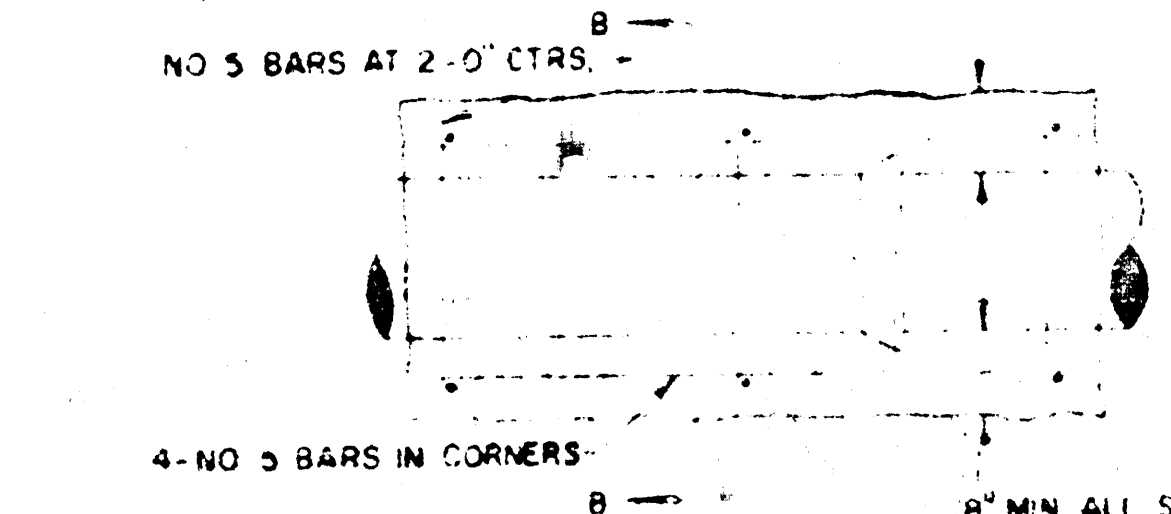
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



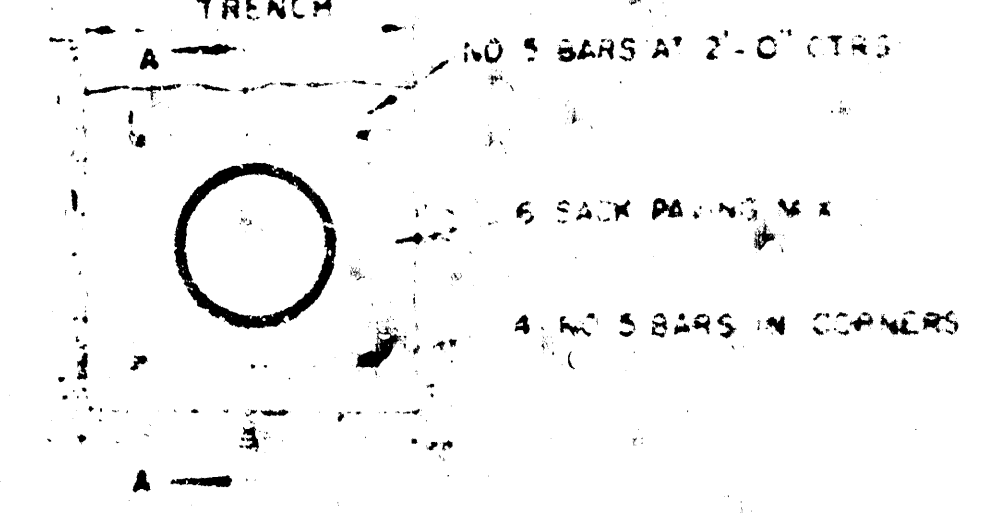
TOP VIEW
MANHOLE COVER
WEIGHT 110 LBS



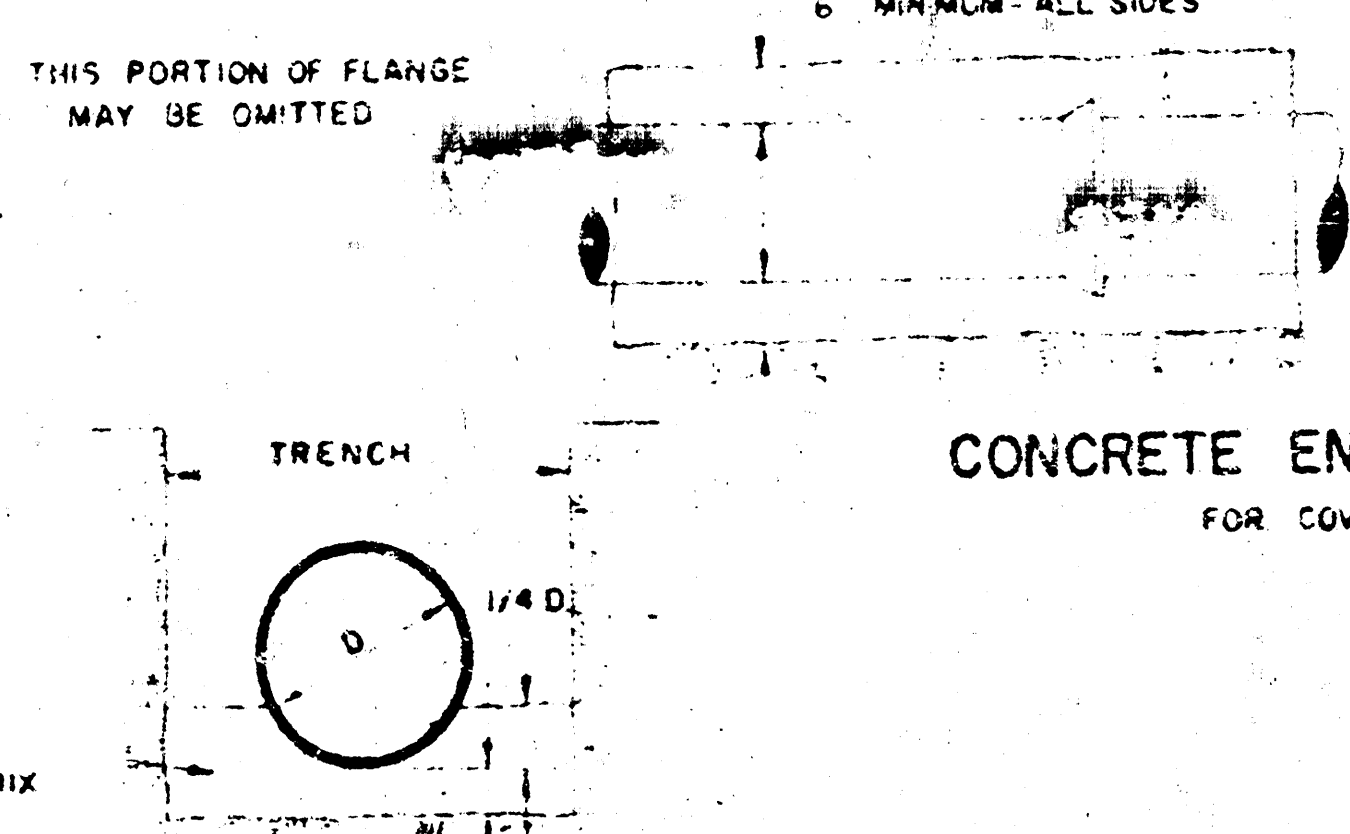
TOP VIEW
MANHOLE RING
WEIGHT 325 LBS. RING NO. 500A
WEIGHT 800 LBS. RING NO. 500AS



REINFORCED CONCRETE ENCASUREMENT
FOR STRENGTH



CONCRETE ENCASUREMENT
FOR COVER

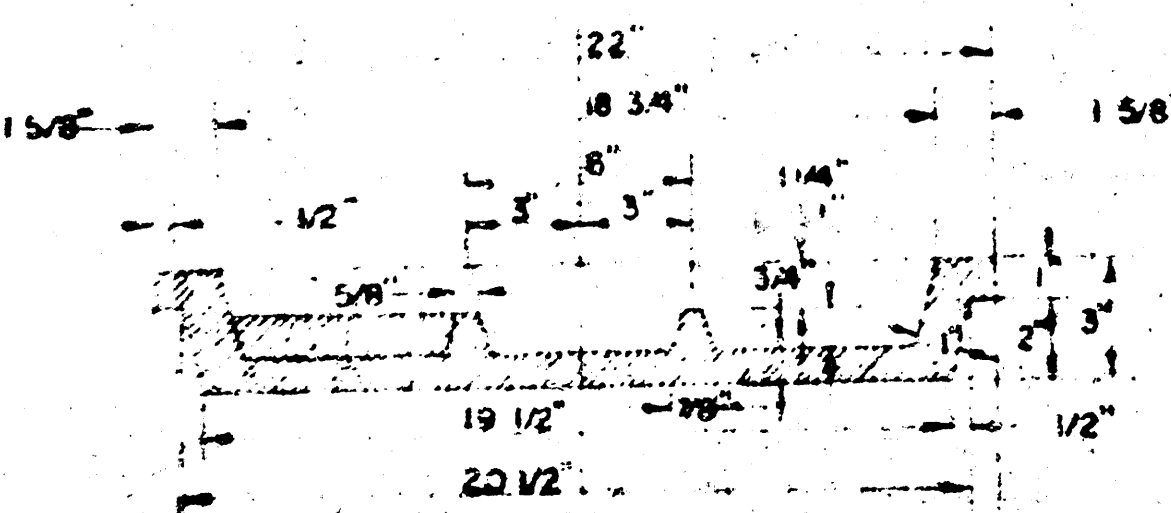


DETAIL OF CONCRETE CRADLE

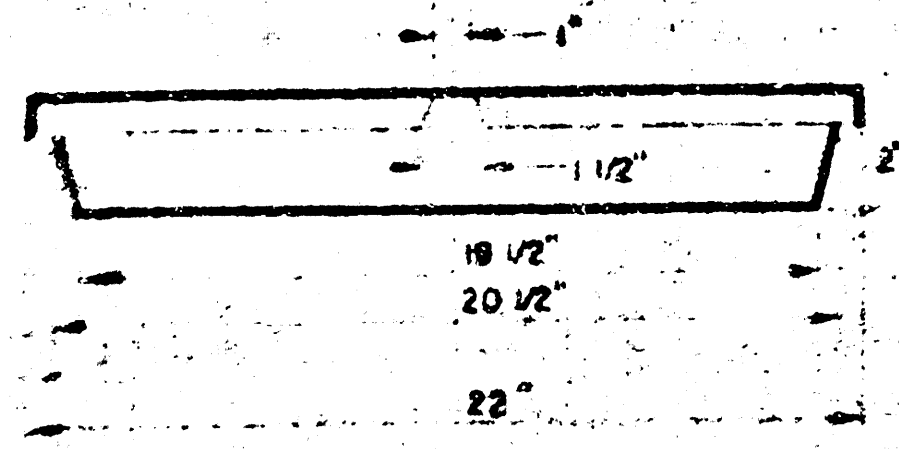
ORDINARY BEDDING METHOD
FOR CLAY PIPE

GENERAL NOTES

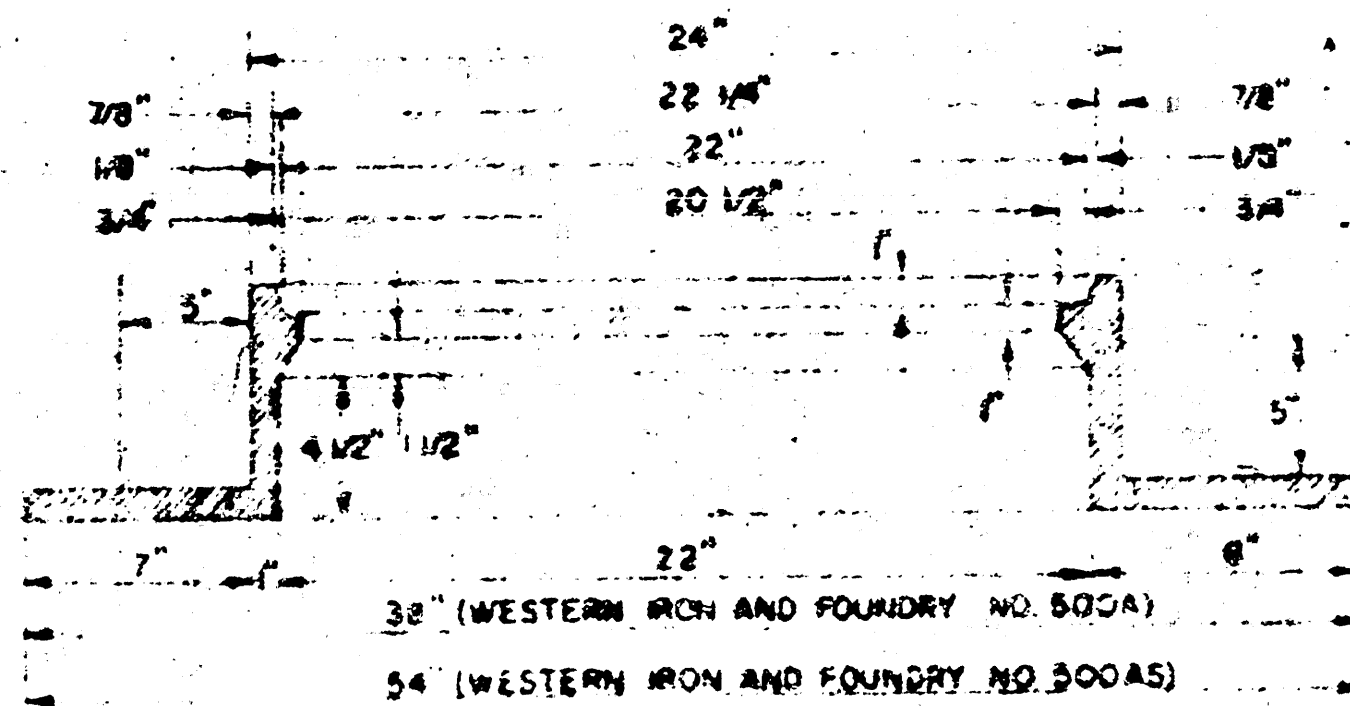
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.
- STANDARD MANHOLES TYPE "A" OR TYPE "B" AND STANDARD DROP MANHOLES TYPE "A" OR TYPE "B" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED.
- OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
- MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5' DIAMETER.
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE.



SECTION A-A
MANHOLE COVER

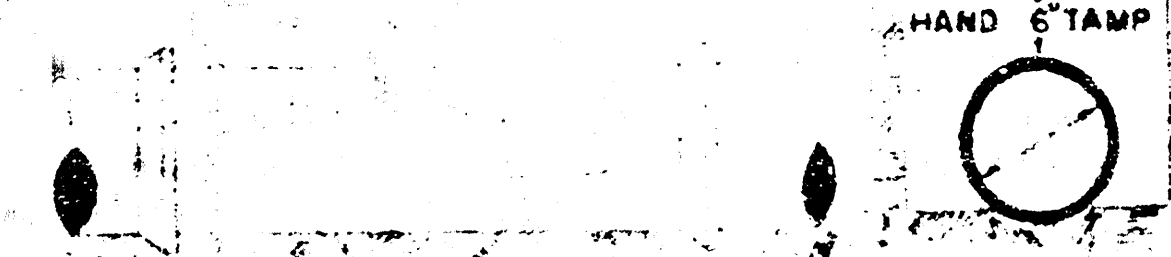


SIDE VIEW
MANHOLE COVER



MANHOLE RING

OUTSIDE CIRCUMFERENCE OF COVER
AND THE INNER FACE AND SEAT OF
RING TO BE MACHINE FIT.



ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1974