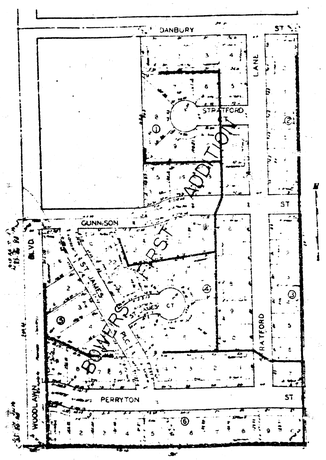
PLANS

SANITARY SEWER SYSTEM

PROJECT NO. DBKW 706057



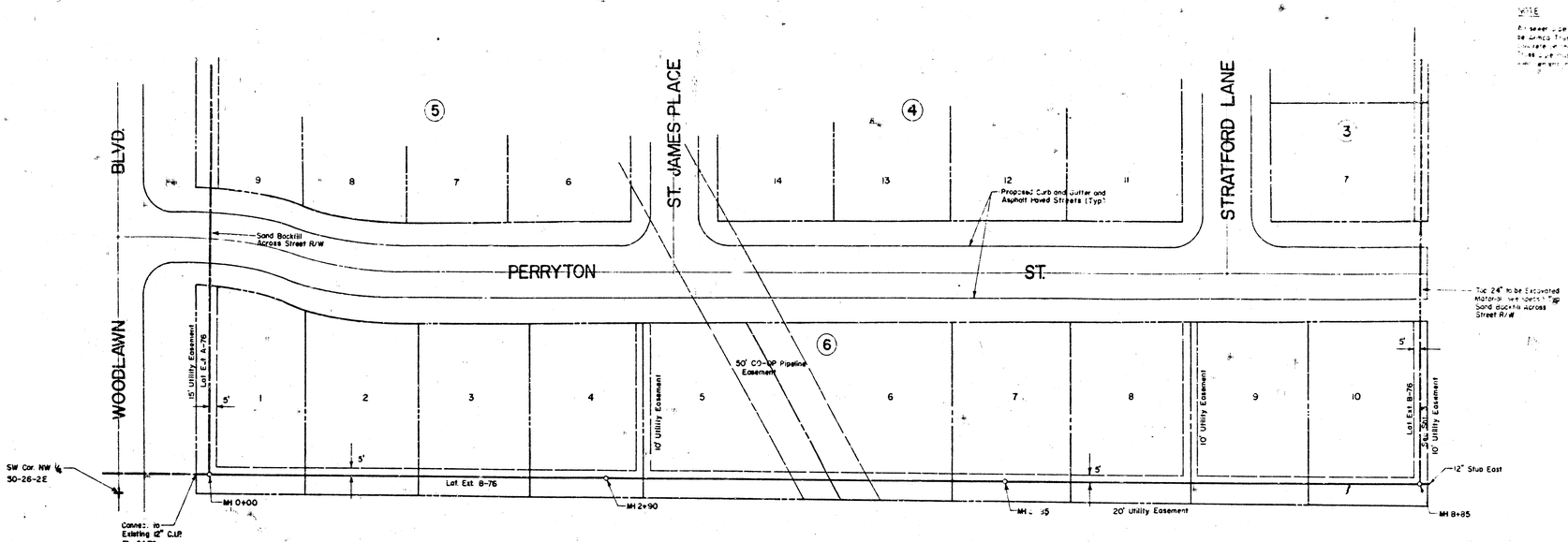
11-7-

NOTE TO CI

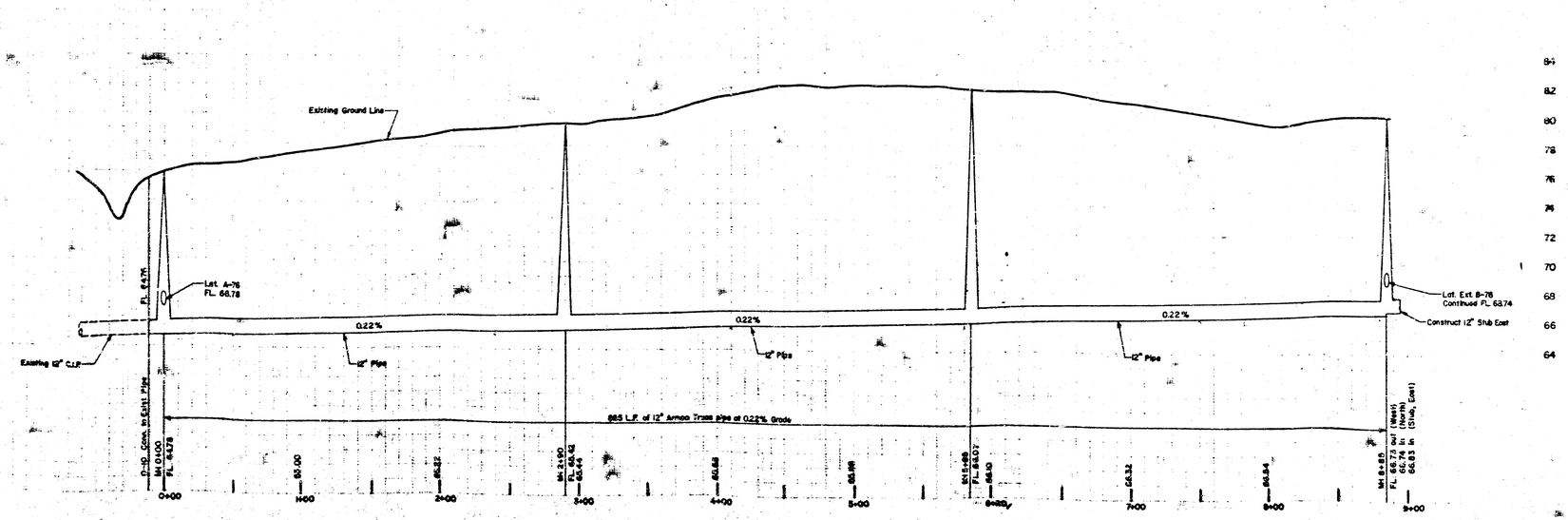
REISS & CONNELLY ENGINEERS
2100 WEST 21ST
WICHITA, KANSAS
(316) 522-1533

REVISION	DRAWN BY	CHECKED BY	DESIGNED BY	PROJECT
	R E M 10-28-75		W.H.L.	G. STOWER Bowers 1st Add. Bel Air Imp. Dist.

PROJECT NO. SEW-2616
DATE
SHEET 1 OF 8



LAT. EXT. B-76

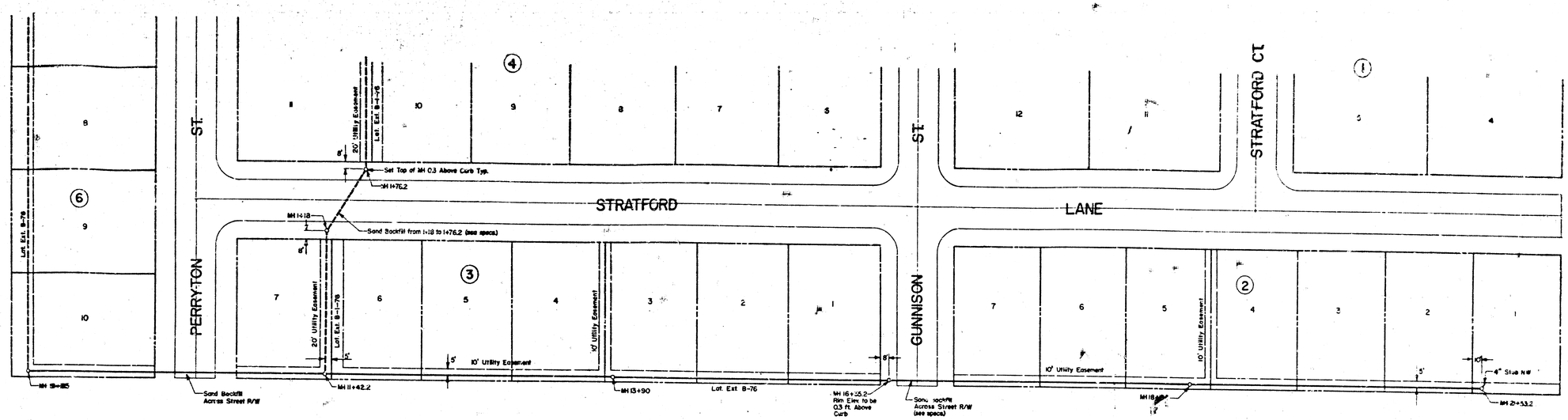


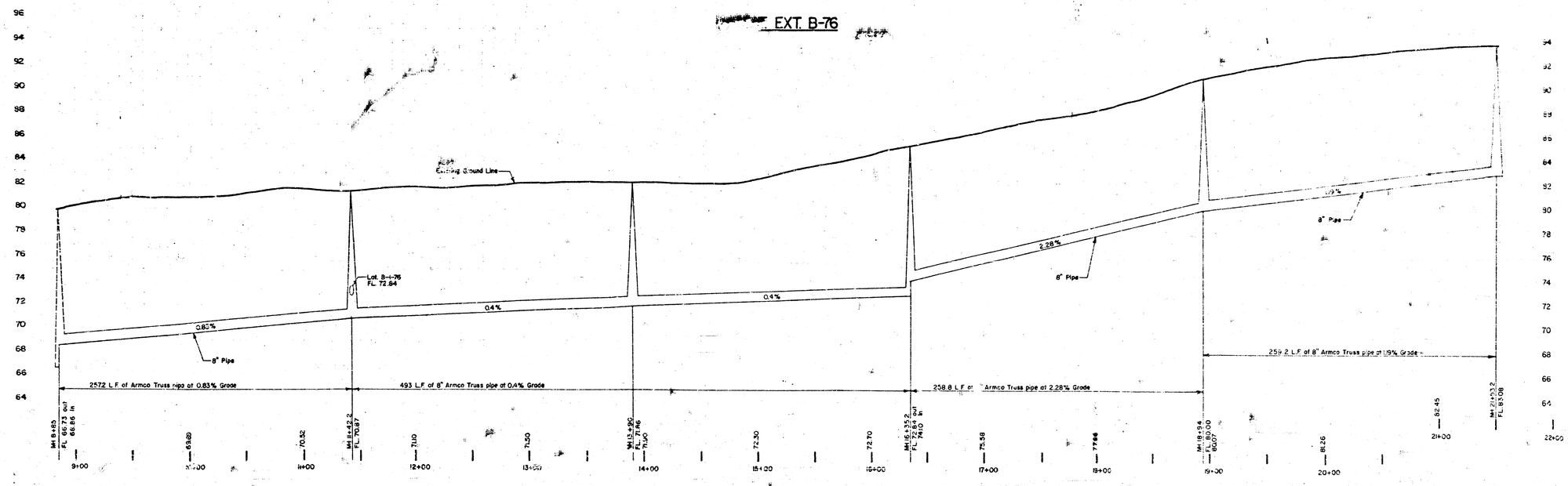
11-6-78 10-25-78 R.C. etc. 10-5-78 10-20-78
11-2-78 10-1-78
DRAWN BY K. Hill

Sanitary Sewer Extension

Bel Air Imp. Dist. Bowers 1st Add.

SEW-28/8
Sheet 2 of 8

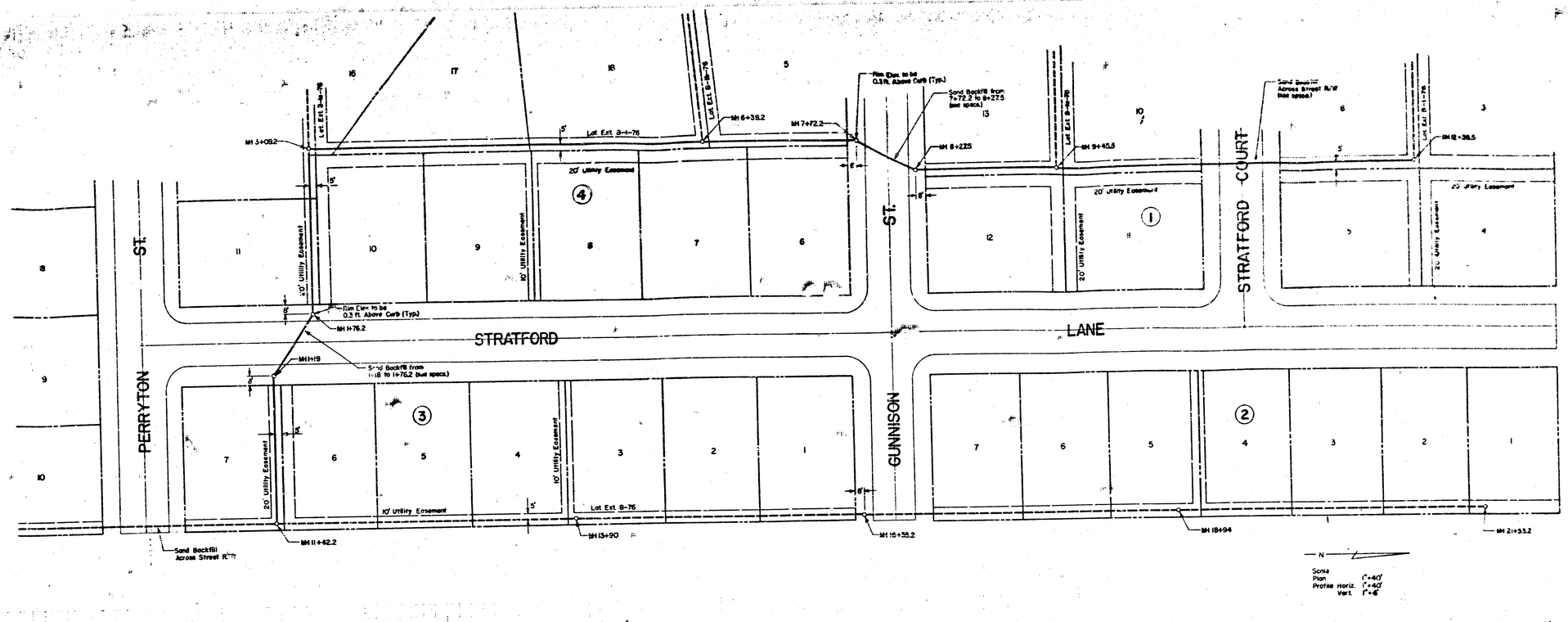




10-21-76
10-26-76 R E M 10-4-76
11-1-76

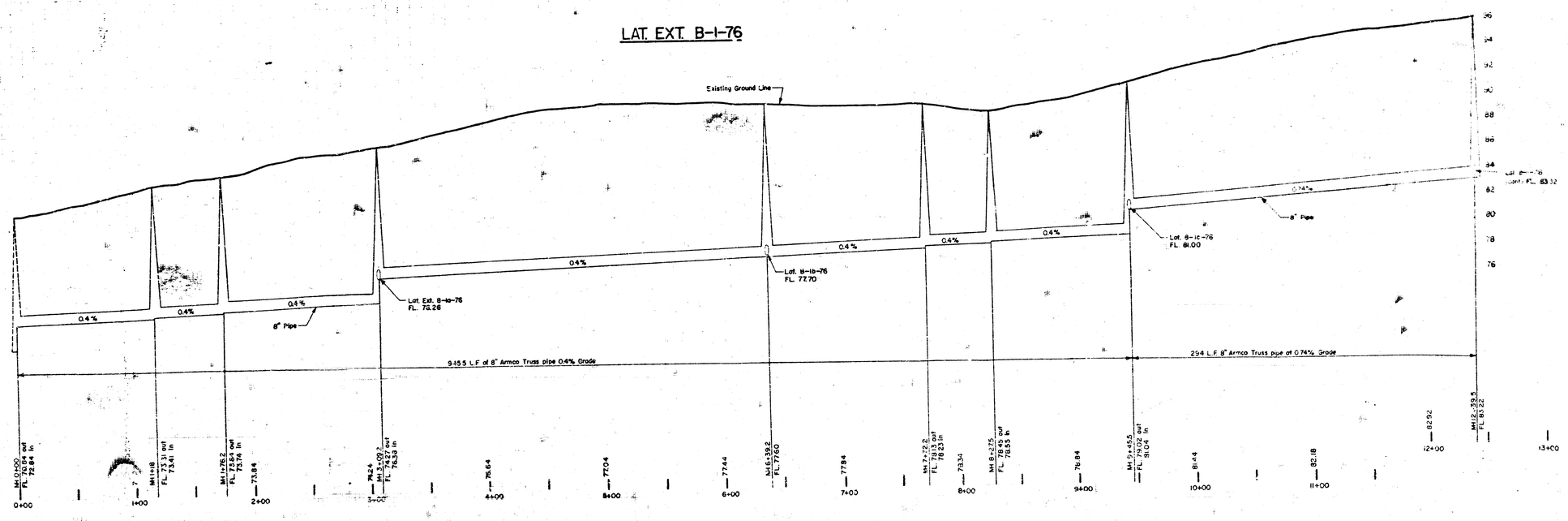
Sanitary Sewer Extension **Bel Air Imp. Dist.** **Bowers 1st Add.**

Var. SEW-2876
10-26-76 3 8



Scale
Plan 1"=40'
Profile Horiz. 1"=40'
Vert. 1"=6'

LAT. EXT. B-1-76

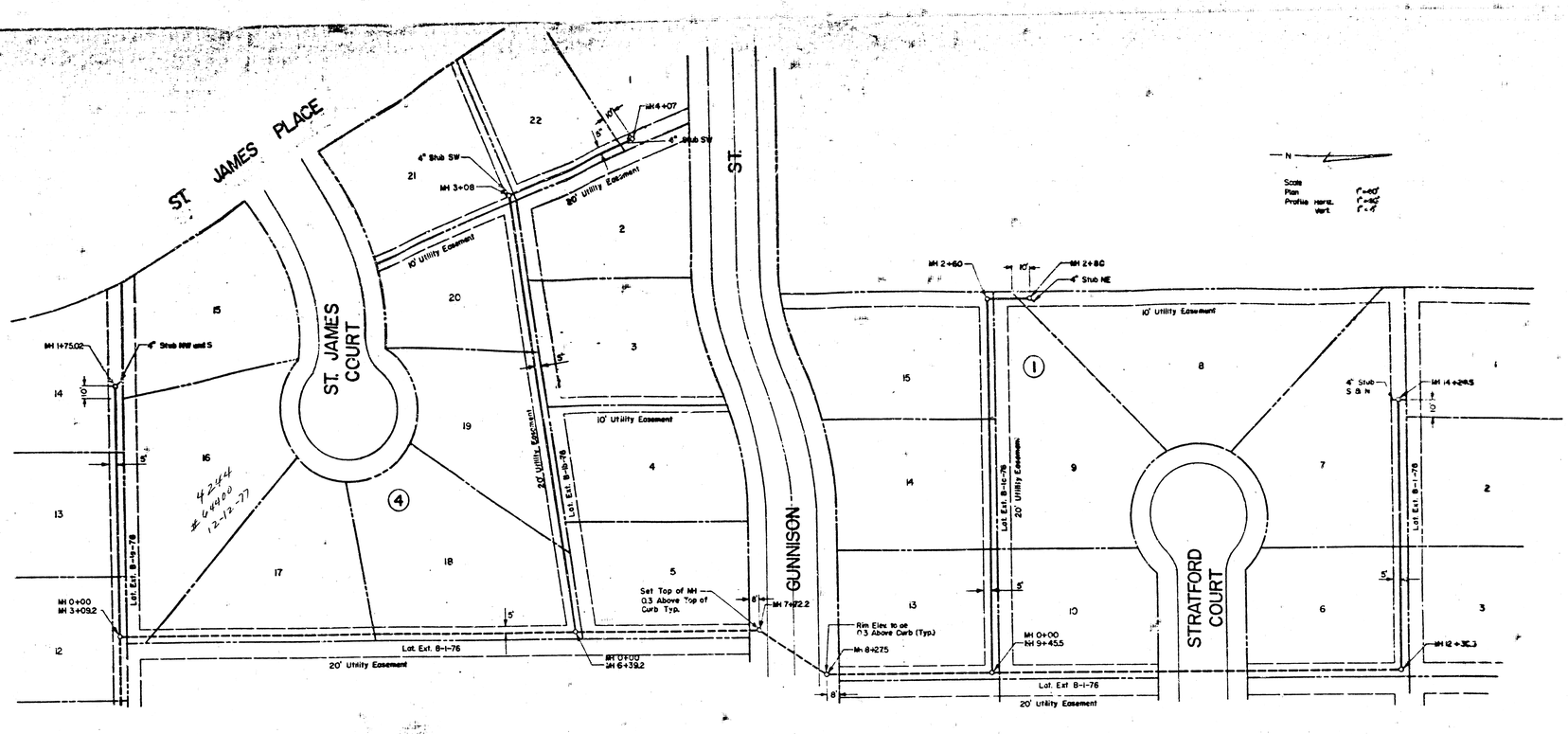


11-9-76 10-28-76 11-2-76 11-4-76 R.E.M. 9-22-78 K. Hill

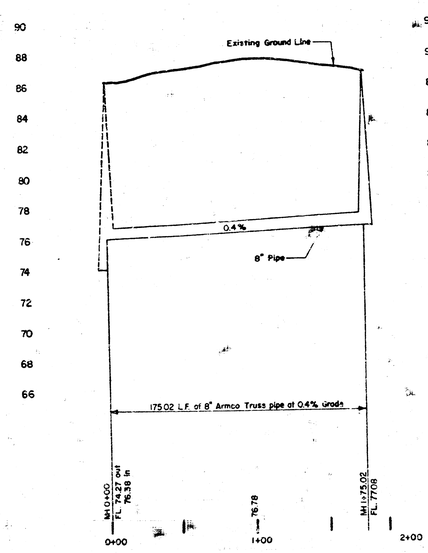
Sanitary Sewer Extension

Bel Air Imp. Dist. Bowers 1st Add.

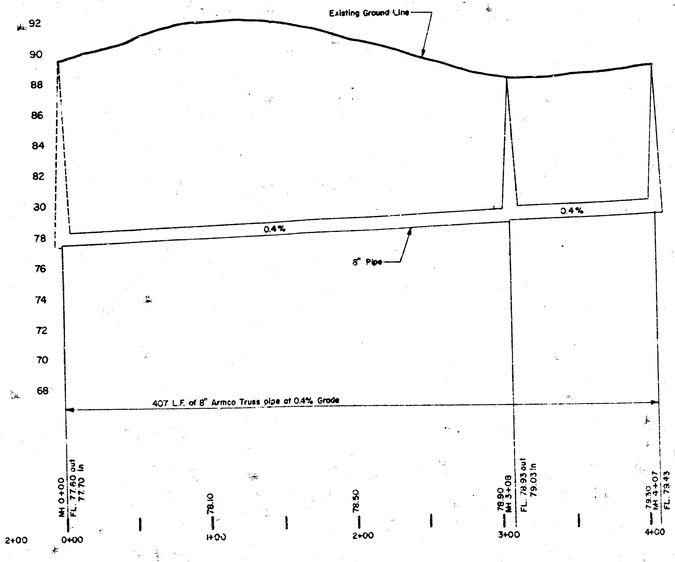
Var SE4-2876
10-26-76 4 8



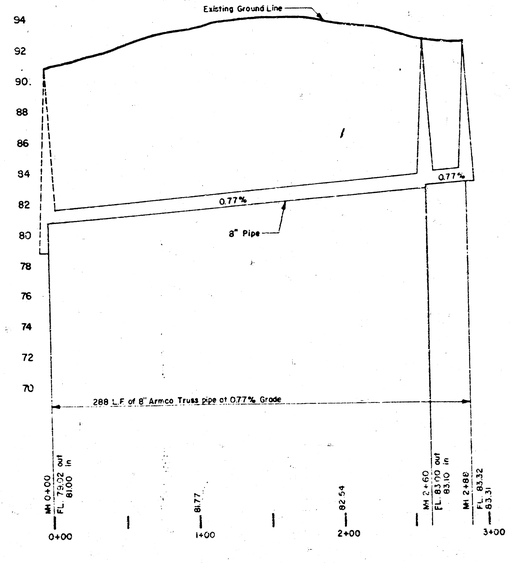
LAT. EXT. B-1a-76



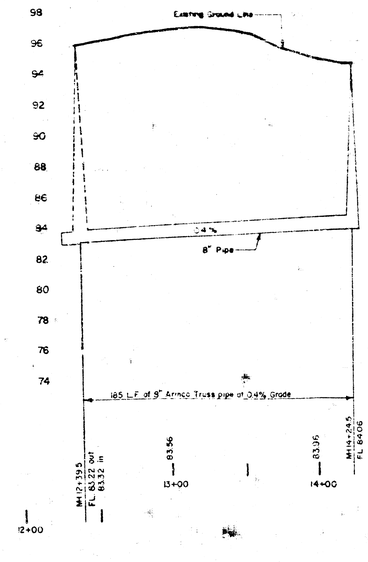
LAT. EXT. B-1b-76



LAT. EXT. B-1c-76



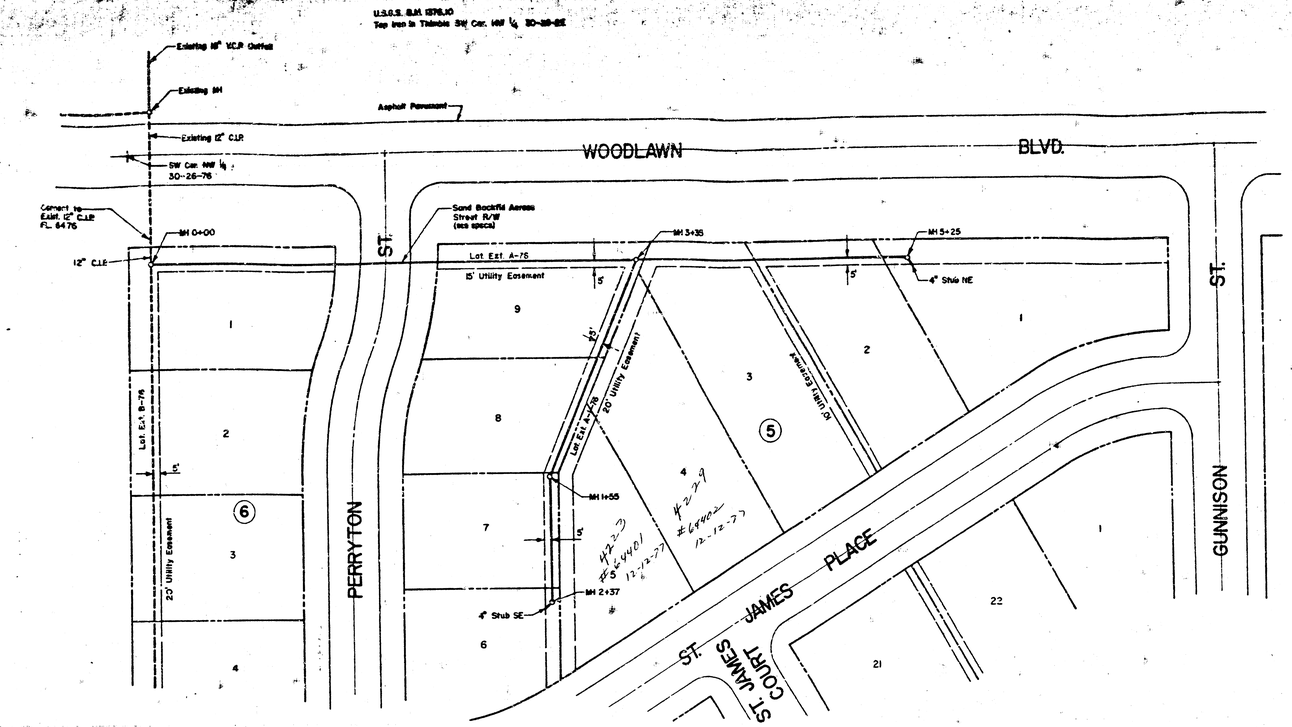
LAT EXT B-1-76 (cont)



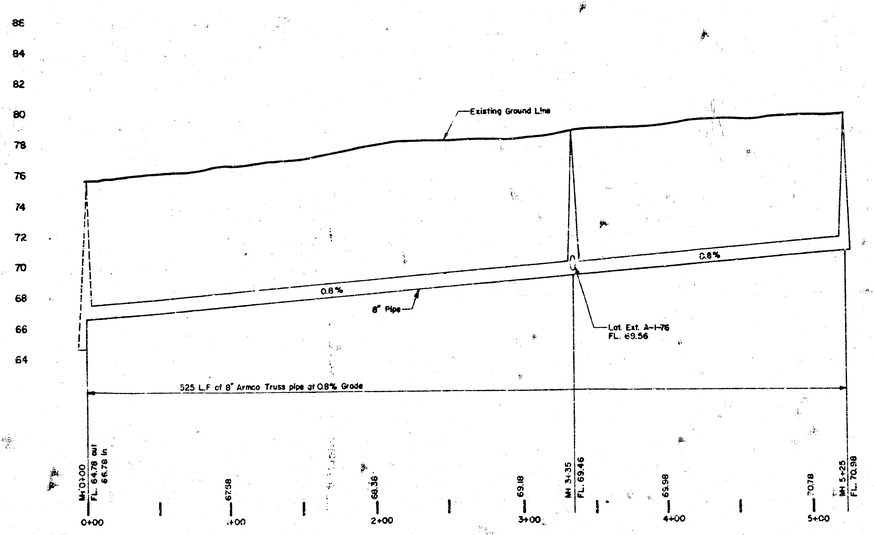
10-20-76
10-27-76 R.E.m. 9-20-74 K. Hill
11-2-76

Sanitary Sewer Extension

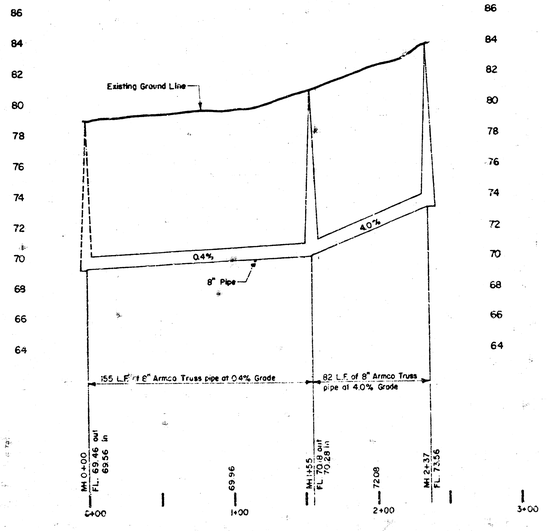
Reavers 1st Add. — Del Rio Irrig. Dist.



LAT. EXT. A-76



LAT. EXT. A-1-76

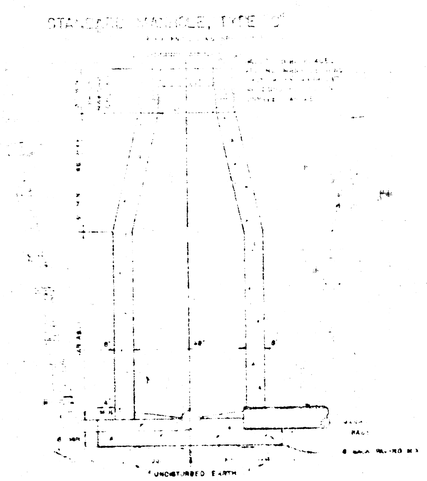


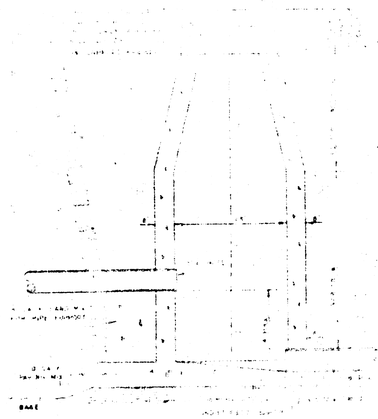
10-21-76
11-5-76 10-26-76 R.E.M. 9-21-76
11-9-76 11-2-76

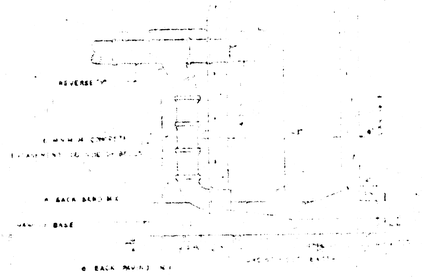
Sanitary Sewer Extension

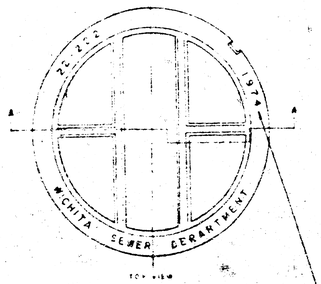
Bowers 1st Add. Bel Air Imp. Dist.

SSM-2876
10-21-76 C B

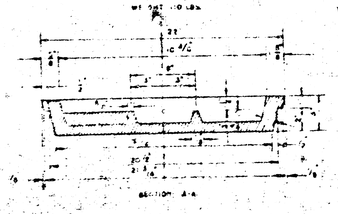




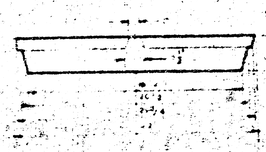




MANHOLE COVER

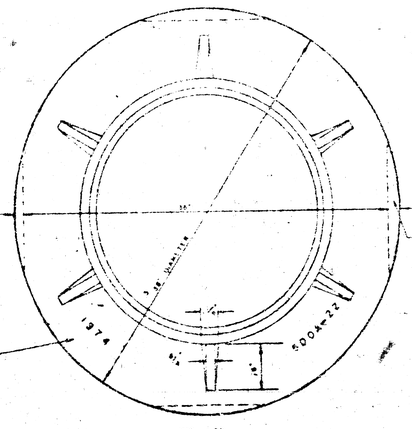


MANHOLE COVER

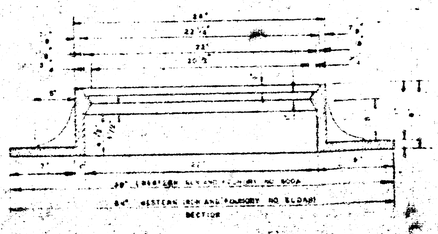


MANHOLE COVER

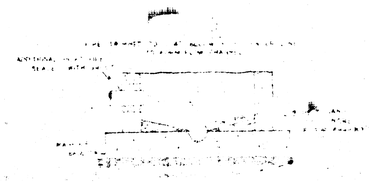
YEAR CASTING IS MADE



MANHOLE RING



MANHOLE RING

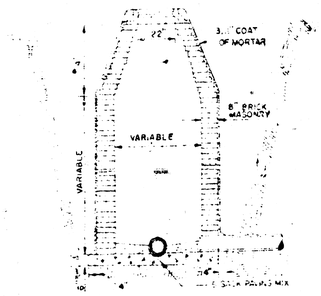


SECTIONAL ELEVATION—INVERT

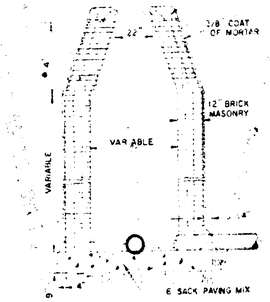
NOTE OPENING FOR INLET PIPE CUT IN MANHOLE WALL AND PIPE GROUTED IN PLACE WITH NON-SHRINKING GROUT. EXTERIOR OF COMPLETED CONNECTION TO BE SEALED WITH APPROVED COATING.

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

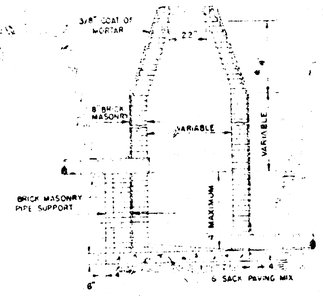
5/6



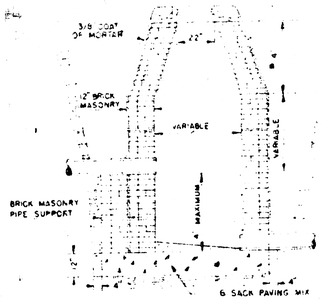
STANDARD MANHOLE
TYPE "A"



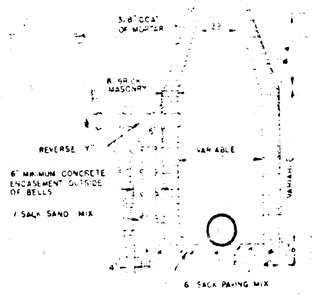
STANDARD MANHOLE
TYPE "B"



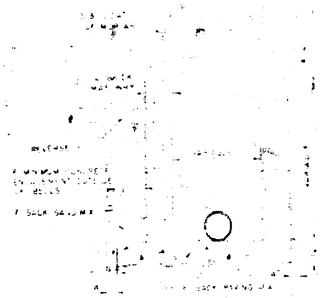
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

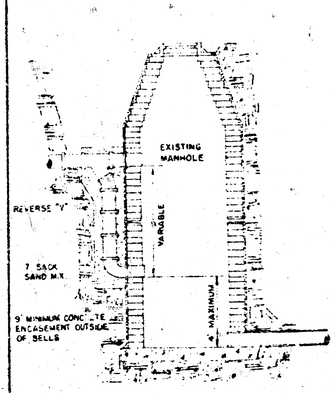


OUTSIDE DROP MANHOLE
TYPE "A"



OUTSIDE DROP MANHOLE
TYPE "B"

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

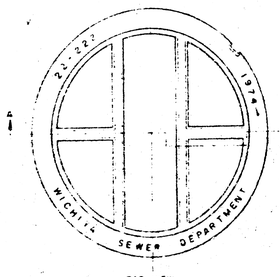


DETAIL OF DROP STACK

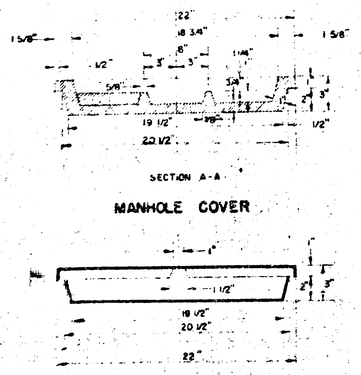
FOR EXISTING MANHOLES IN GROUND WATER

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.



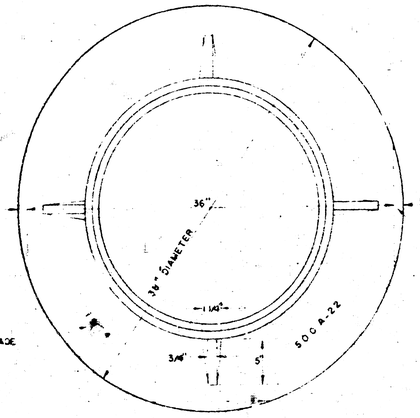
MANHOLE COVER
WEIGHT 110 LBS.



MANHOLE COVER

MANHOLE COVER

YEAR CASTING IS MADE

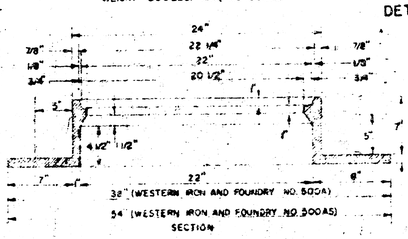


TOP VIEW

MANHOLE RING

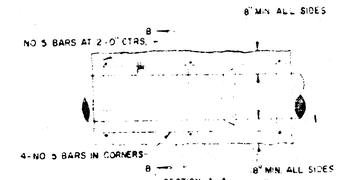
WEIGHT 325 LBS. RING NO. 500A

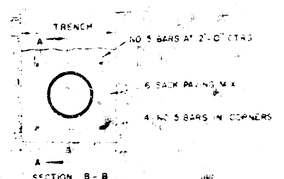
WEIGHT 800 LBS. RING NO. 500AS



MANHOLE RING

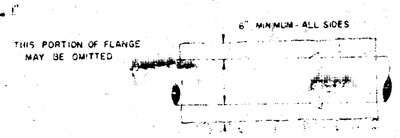
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT.





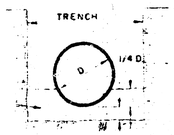
REINFORCED CONCRETE ENCASEMENT

FOR STRENGTH

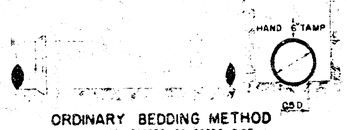


CONCRETE ENCASEMENT

FOR COVER



DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD

FOR REINFORCED CONCRETE PIPE



ORDINARY BEDDING METOD

FOR CLAY PIPE

DETAILS OF

SEWER APPURTENANCES

ADOPTED AS STANDARD DESIGN

BY

ENGINEERING DIVISION

CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

1974