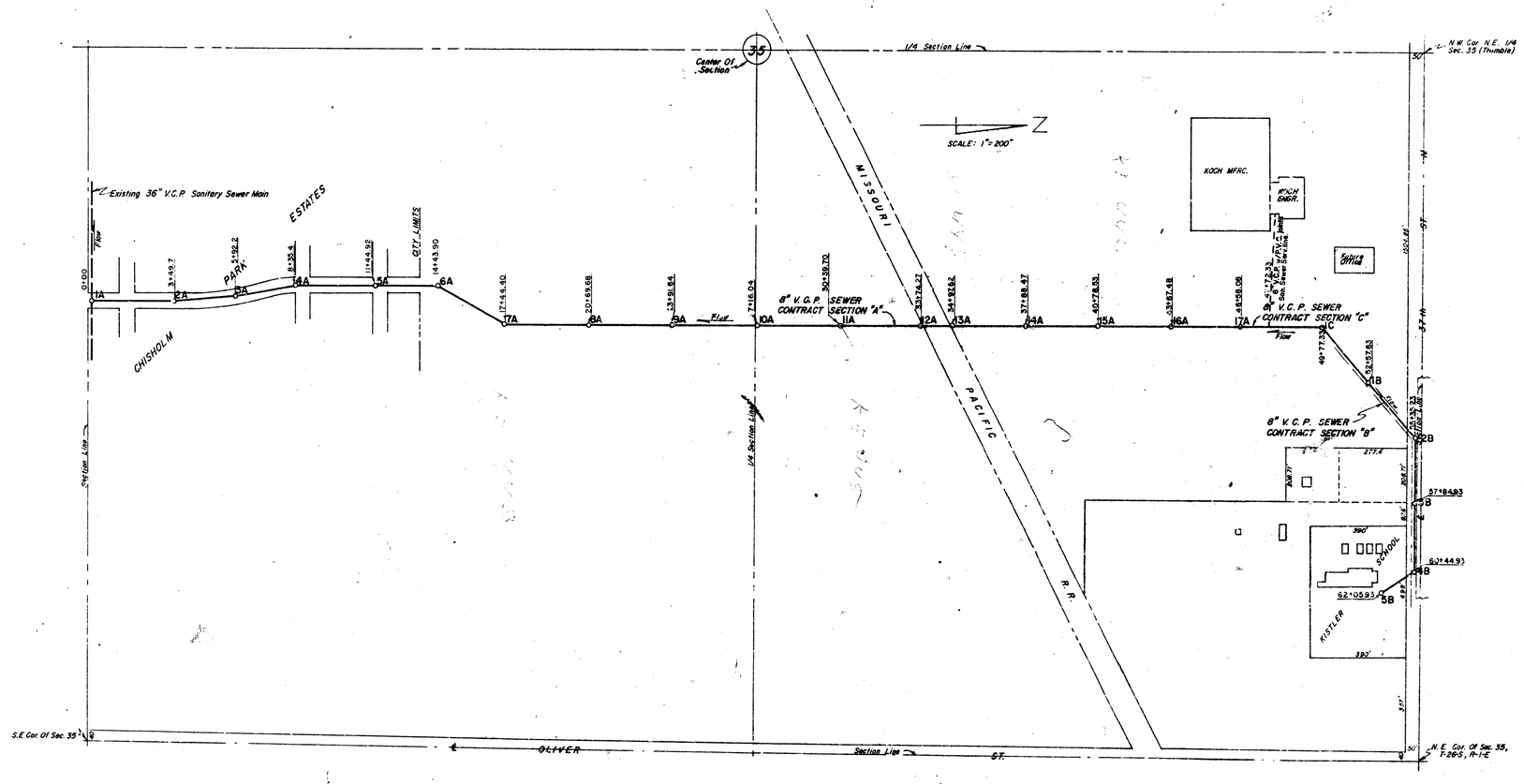
SANITARY SEWER
FOR
KOCH ENGINEERING CO., INC.

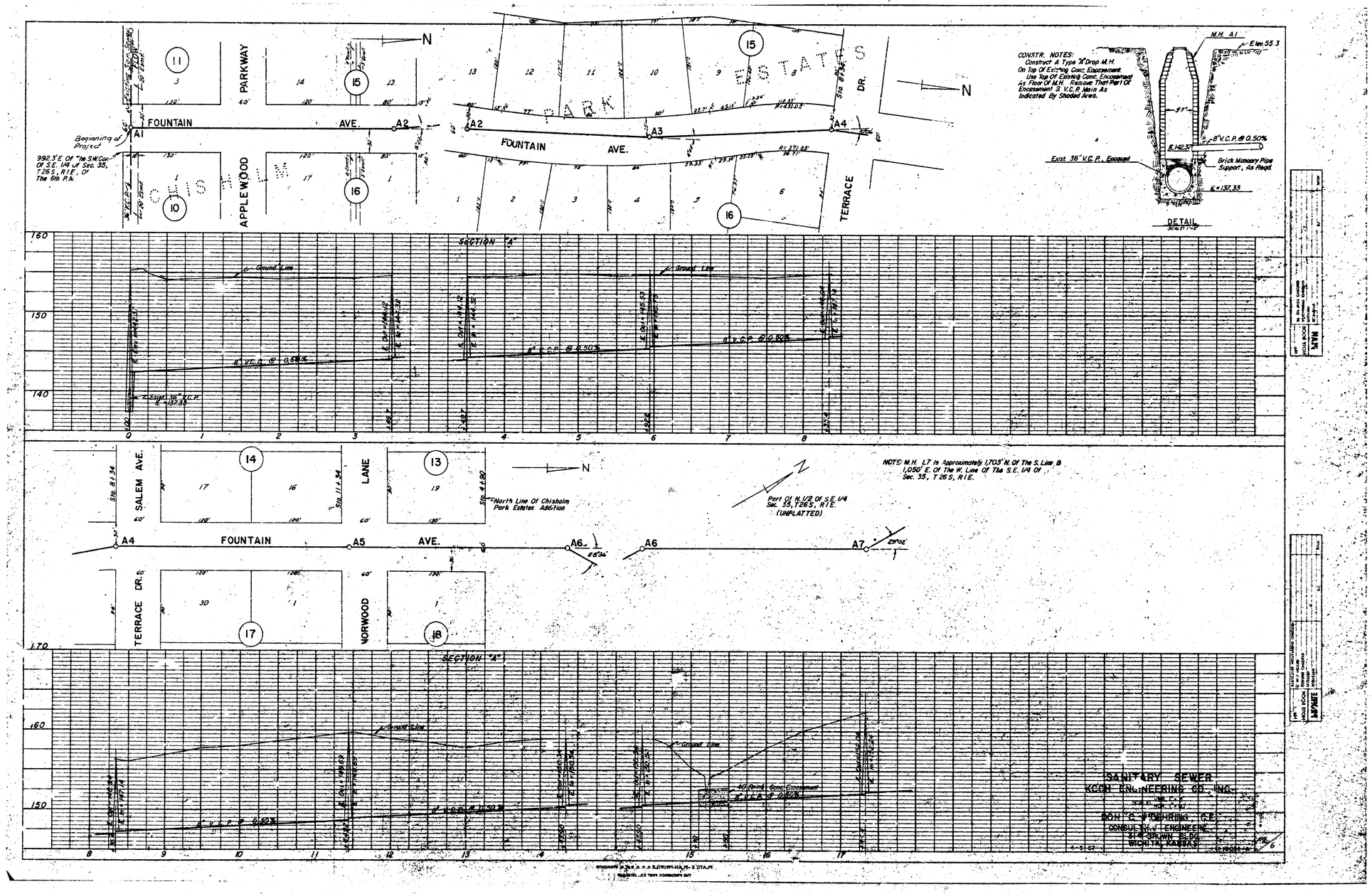
LAT. 24 S.S. 23

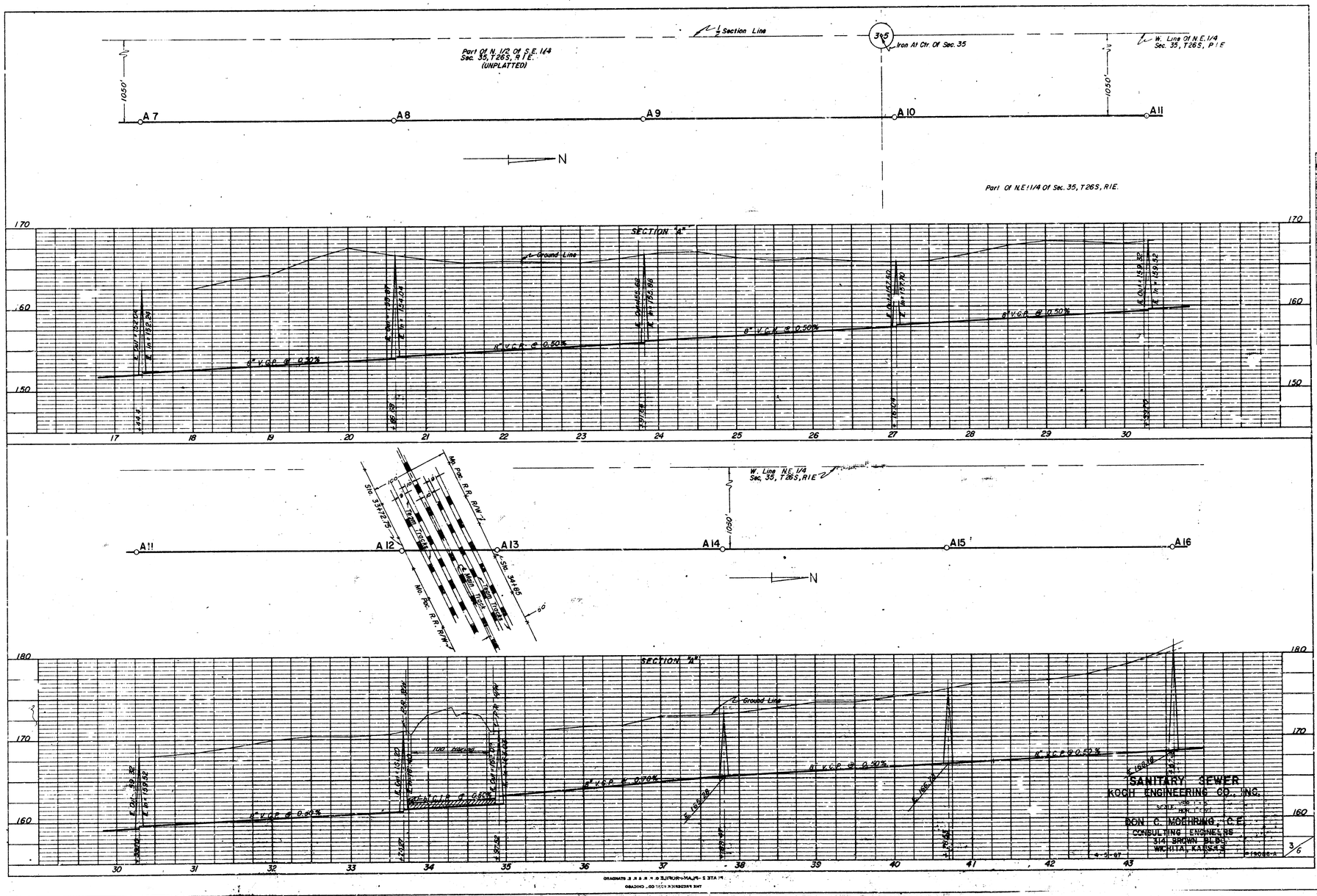


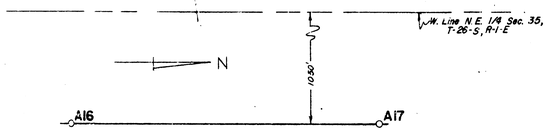
DON C. MOEHRING, C.E.
CONSULTING ENGINEERS
WICHITA, KANSAS
1967

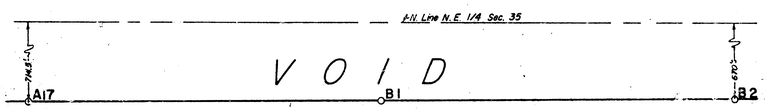
L-121

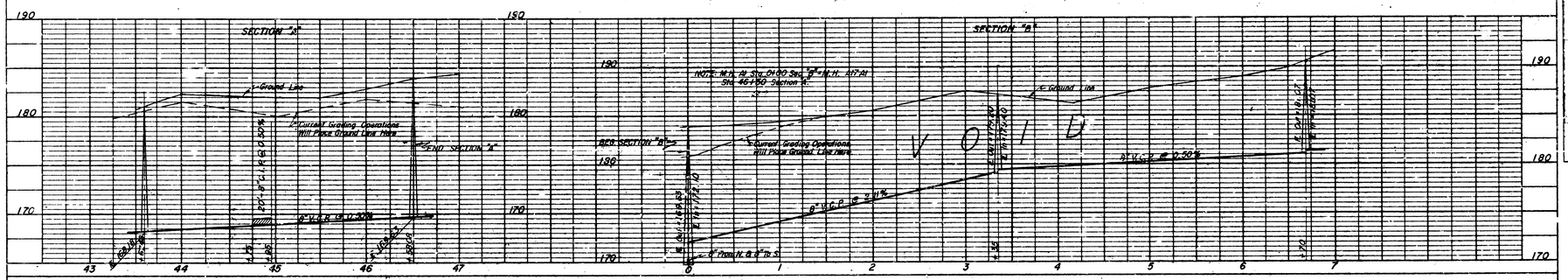
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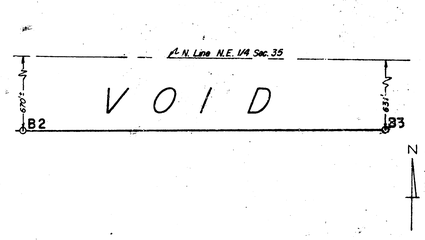

FOUNTAIN AVE.
APPLEWOOD PARKWAY
CHISHOLM LN.
PARK ESTATES
Sta 9+00.00
DR.
TERRACE
Beginning of Project
992.3' E. Of The S.W. Cor. Of S.E. 1/4 Of Sec. 35, T.26S., R.1E., Of The 6th P.M.
A1
A2
A3
A4
A5
A6
A7
N
CONSTR. NOTES:
Construct A Type "A" Drop M.H. On Top Of Existing Conc. Encasement Use Top Of Existing Conc. Encasement As Floor Of M.H. Reduce That Part Of Encasement 3' V.C.P. Werin As Indicated By Shaded Area.
M.H. A1
E lev. 55.3
8" V.C.P. @ 0.50%
E 142.37
Exist. 36" V.C.P. Encased
Brick Masonry Pipe Support, As Req'd.
E = 137.33
DETAIL
SECTION "A"
Ground Line
8" V.C.P. @ 0.50%
Exist. 36" R.C.P. E = 137.33
SALEM AVE.
LANE
TERRACE DR.
WORWOOD
Sta. 8+34
Sta. 11+34
Sta. 4+80
North Line Of Chisholm Park Estates Addition
Part Of N.1/2 Of S.E. 1/4 Sec. 35, T26S, R1E. (UNPLATTED)
NOTE: M.H. L7 Is Approximately 1,703' N. Of The S. Line, & 1,050' E. Of The W. Line Of The S.E. 1/4 Of Sec. 35, T 26S, R1E.
40 Point Conc. Encasement
SANITARY SEWER
KCON ENGINEERING CO. INC.
JOHN C. HOSHIRING C.E.
CONSULTING ENGINEERS
514 BROWN BLDG.
WICHITA, KANSAS

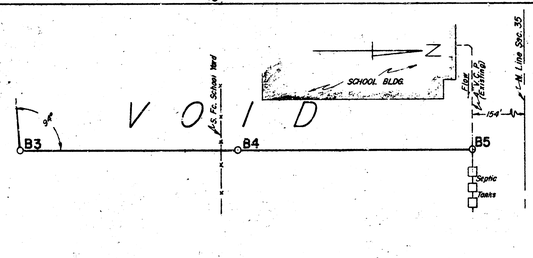

℄ ½ Section Line
Part Of N. 1/2 Of S.E. 1/4 Sec. 35, T 26S, R 1 E. (UNPLATTED)
Iron At Cr. Of Sec. 35
W. Line Of N.E. 1/4 Sec. 35, T 26S, R 1 E
1050'
A 7
A8
A9
A 10
A11
N
Part Of N.E. 1/4 Of Sec. 35, T 26S, R1E.
SECTION "A"
℄ Ground Line
8" V.C.P. @ 0.50%
W. Line N.E. 1/4 Sec. 35, T 26S, R1E
A11
A12
A13
A14
A15
A16
Mo. Pac. R.R. R/W
Sta. 35+72.75
℄ Sta. 34+80
100' TRACK
℄ MAIN TRACK
SECTION "A"
℄ Ground Line
8" V.C.P. @ 0.60%
8" V.C.P. @ 0.80%
SANITARY SEWER
KOCH ENGINEERING CO., INC.
SCALE: HOR. 1"=50'
VERT. 1"=5'
DON C. MOELLING, C.E.
CONSULTING ENGINEERS
514 BROWN BLDG.
WICHITA, KANSAS
4-5-57
3/6

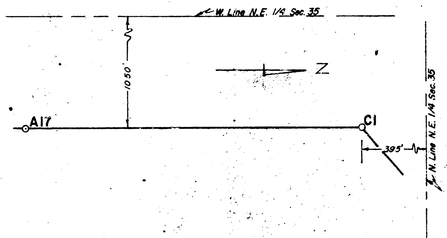


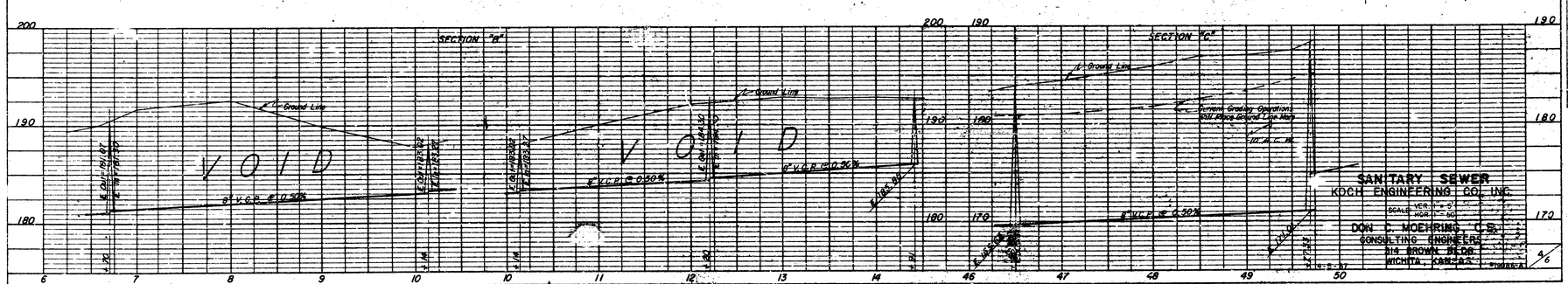




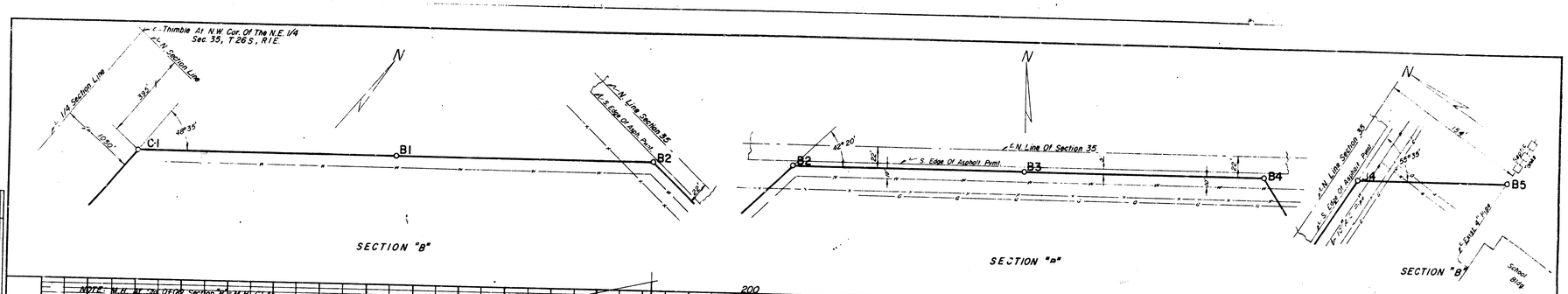


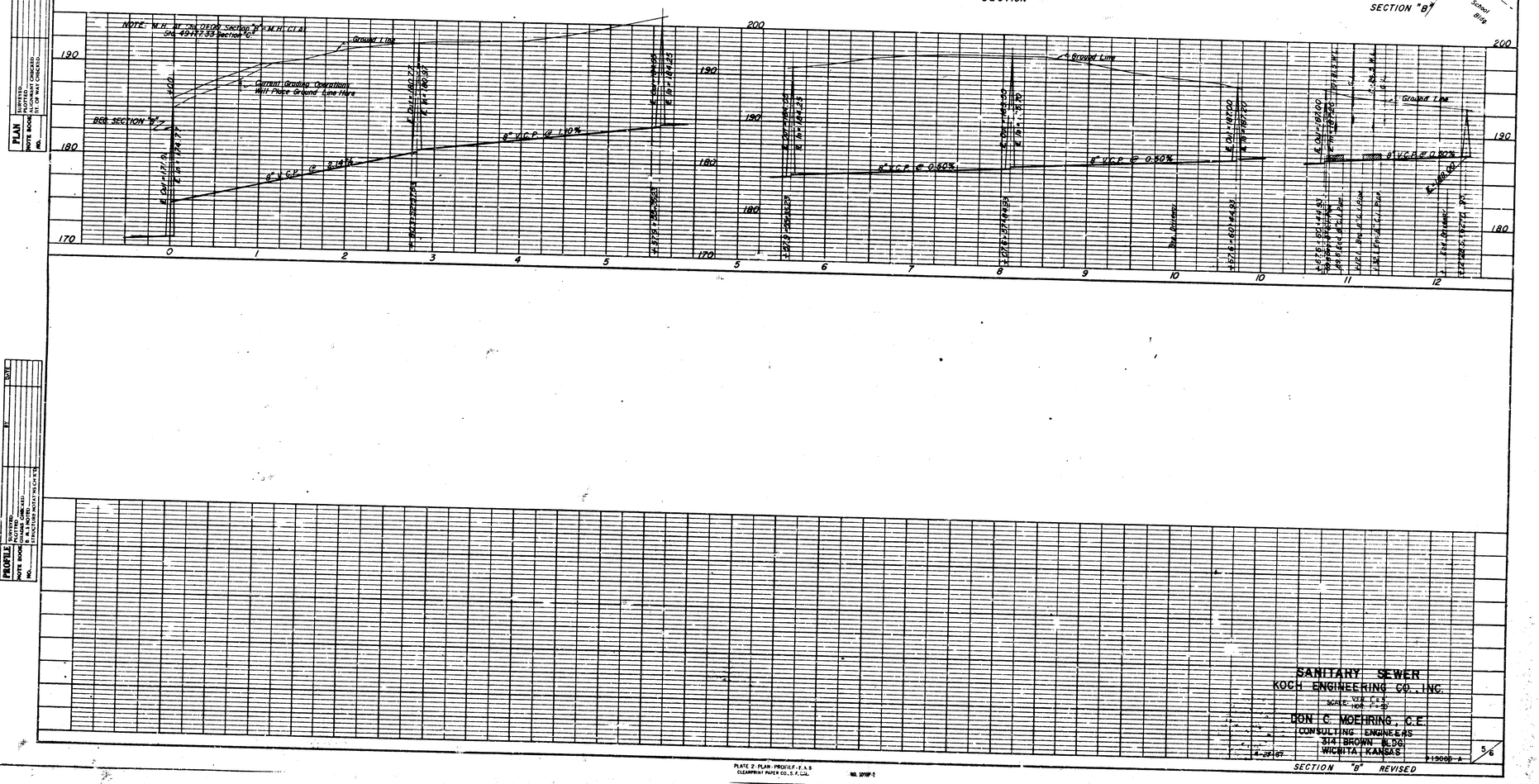


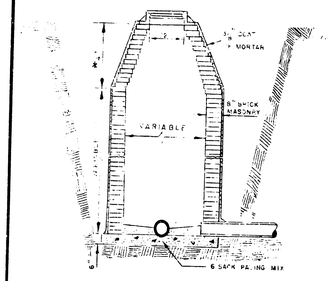




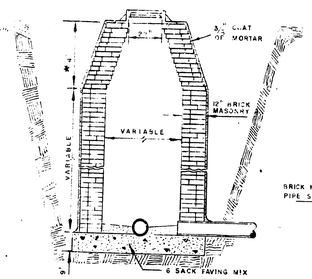
SANITARY SEWER
KOCH ENGINEERING CO., INC.
SCALE: VER. 1" = 5'
HOR. 1" = 50'
DON C. MOEHRING, C.E.
CONSULTING ENGINEERS
314 BROWN BLDG.
WICHITA, KANSAS
4/6




NOTE: M.H. at Sta 0+00 Section "A" M.H. at Sta 49+47.53 Section "C"
Ground Line
Current Grading Operation Will Place Ground Line Here
BEG SECTION "B"
8" V.C.P. @ 1.10%
8" V.C.P. @ 0.50%
8" V.C.P. @ 0.80%
8" S.D.R. 26
8" V.C.P.
E. Out 1171.70
E. In 1164.23
E. Out 1160.73
E. In 1154.25
E. Out 1154.23
E. In 1147.75
E. Out 1147.73
E. In 1140.25
E. Out 1140.23
E. In 1133.75
E. Out 1133.73
E. In 1126.25
E. Out 1126.23
E. In 1119.75
E. Out 1119.73
E. In 1112.25
E. Out 1112.23
E. In 1105.75
E. Out 1105.73
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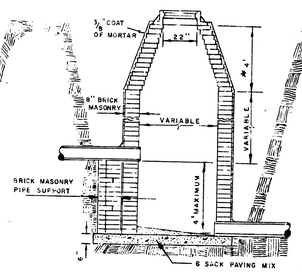


STANDARD MANHOLE
TYPE "A"

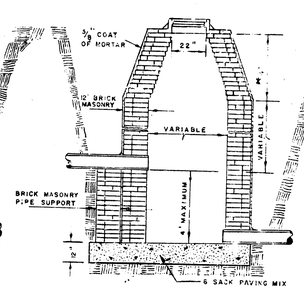


STANDARD MANHOLE
TYPE "B"

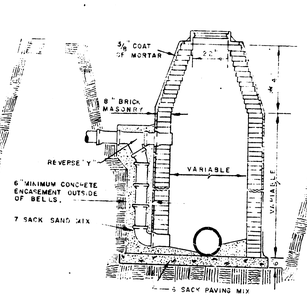
* DRAW = 6' ON 5' DIA. M.H.



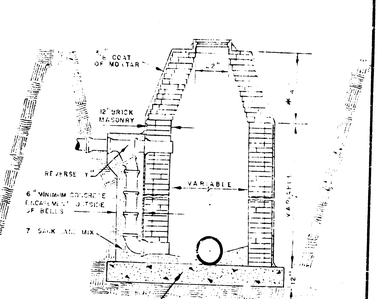
DROP MANHOLE
TYPE "A"



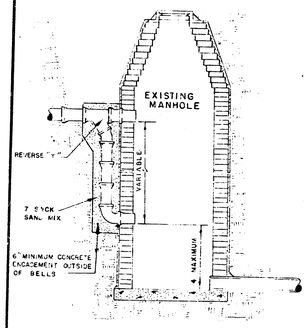
DROP MANHOLE
TYPE "B"



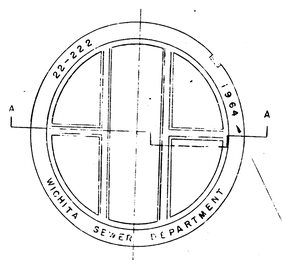
OUTSIDE DROP MANHOLE
TYPE "A"



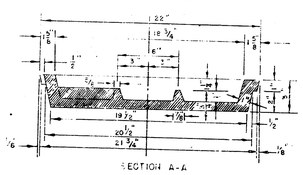
OUTSIDE DROP MANHOLE
TYPE "B"



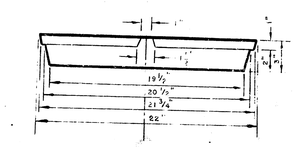
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



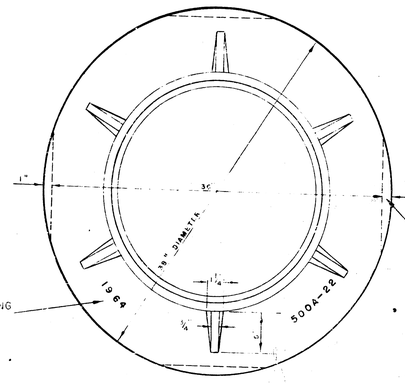
TOP VIEW
MANHOLE COVER
WEIGHT 310 lbs.



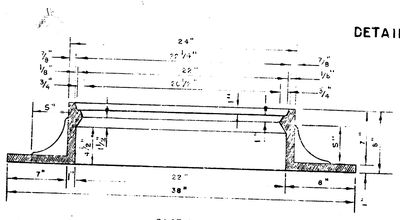
SECTION A-A
MANHOLE COVER



SIDE VIEW
MANHOLE COVER



TOP VIEW
MANHOLE RING
WEIGHT 355 lbs.



SECTION
MANHOLE RING

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

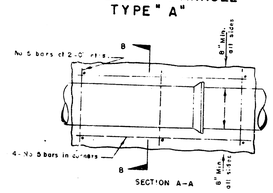
MANHOLES

THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 6 SACKS OF CEMENT PER CUBIC YARD.

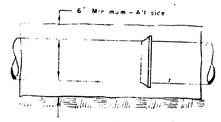
STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

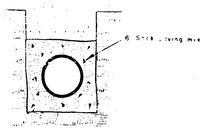
SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

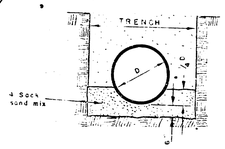


REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH

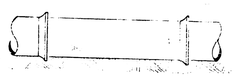




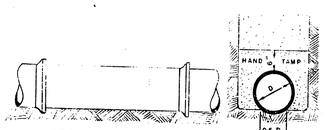
CONCRETE ENCASEMENT
FOR COVER



DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
FOR CLAY PIPE



ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
DON C. MOEHRING, C.E.
CONSULTING ENGINEERS
1967

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